

ORAL ROBERTS UNIVERSITY  
UNIVERSITY CATALOG

ORU  
2021-2022



# 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

Edited by

The Office of the Registrar

Oral Roberts University Catalog

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Oral Roberts University

Tulsa, OK 74171

# Contents

Calendar of Academic Events.....	1
Administration.....	10
Board of Trustees.....	10
Board of Reference.....	10
Accreditation.....	12
Affiliations.....	12
University Administration Directory.....	12
President’s Cabinet.....	12
Academic Deans.....	13
Academic Department Chairs.....	13
Department Directors and Office Heads.....	13
Commitments.....	15
Vision .....	15
Mission .....	15
Core Values.....	15
Honor Code Living .....	15
Honor Code Pledge .....	15
What Is Oral Roberts University? .....	16
Campus Description .....	18
Services and Facilities.....	19
Library .....	19
Stovall Center for Entrepreneurship.....	20
Technology .....	20
Student Support Services.....	24
Admission Information- Undergraduate .....	26
Admission Requirements .....	26
Admission Information - Graduate.....	28
Degree-Seeking Students .....	29
Non-Degree-Seeking Students.....	29
Graduate Fast-Track Program.....	29
Financial Information .....	29
Tuition, Fees, and Living Costs .....	29
Student Accounts.....	31
Financial Aid Programs .....	32
Academic Information and Policies.....	34
Academic Records .....	34
The Family Educational Rights and Privacy Act (FERPA) .....	35
Enrollment.....	35
Classification of Students.....	35
Classification of Courses .....	35

Catalog Requirements and Readmission.....	35
Registration.....	36
Non-traditional Coursework.....	36
Continuation as a Student.....	37
Course Loads.....	37
Class and Laboratory Attendance.....	38
Grading System.....	39
Application for Graduation.....	39
Withdrawal from the University.....	40
Curriculum.....	40
Degrees.....	40
Majors and Minors.....	41
General Education.....	41
Health and Physical Education Standards.....	43
Students Transferring to ORU with an Associate's or Bachelor's Degree.....	44
Senior Paper/Project.....	44
Honors Program.....	44
Writing Across the Curriculum.....	45
Assessment.....	45
Academic Probation and Suspension.....	45
Honors.....	46
Transferring Credit.....	46
Academic Policy Changes.....	48
Syllabi Revision Policy.....	48
Policy Exception.....	48
ROTC.....	48
Student Life.....	48
Dress Code.....	48
Conduct.....	49
Student Housing.....	49
Church and Chapel Attendance.....	50
Student Experience and Commuter Engagement.....	50
Intramurals.....	50
Department of Inter-Collegiate Athletics.....	50
How to Use the Catalog.....	51
College of Arts and Cultural Studies.....	52
Faculty.....	52
School of Communication & Public Affairs.....	53
School of Liberal Arts.....	59
School of Worship, Media, & Performing Arts.....	67
College of Business.....	81
Faculty.....	81

Undergraduate Business Department.....	81
The Fenimore Fisher Graduate School of Business.....	87
College of Education.....	91
Faculty.....	91
Undergraduate Education Department.....	92
Graduate School of Education.....	97
College of Health Sciences.....	103
Faculty.....	103
Overview.....	103
Anna Vaughn School of Nursing.....	103
College of Science and Engineering.....	107
Faculty.....	107
Behavioral Sciences Department.....	108
Biology and Chemistry Department.....	114
Computing and Mathematics Department.....	121
School of Engineering.....	126
Health, Leisure and Sport Sciences Department.....	129
College of Theology and Ministry.....	134
Faculty.....	134
Undergraduate Theology Department.....	135
Graduate School of Theology and Ministry (Seminary).....	142
Online and Lifelong Learning.....	161
Faculty.....	161
Online Academic Degree Programs.....	161
Enrollment.....	163
Policies.....	165
Curricula.....	167
Online and Lifelong Learning Courses.....	177
Course Descriptions.....	181

# Oral Roberts University

## Calendar of Academic Events

### Fall Semester 2021

#### Main Session

Date	Event
Saturday	August 21
Mon.- Wed.	August 23 - 25
Thursday	August 26
Friday	August 27
Monday	September 6
Wednesday	September 8
Sat. – Sun.	October 9 – 17
Tuesday	October 12
Monday	October 18
Mon.-Fri.	October 18 - 22
Mon.-Fri.	October 25 - 29
Friday	November 19
Wed. – Sun.	Nov. 24 – 28
Friday	December 3
Sat. – Fri.	Dec. 4 - 10

New student move-in  
 Registration & Returning Student Move-In  
 Classes begin  
 De-enrollment and assessment of late registration fee of \$175 to returning students not fully registered  
 Labor Day – No classes  
 Last day to enroll or add classes/sections  
 Last day to request pass/no pass option  
 Last day to change from credit to audit  
 De-enrollment of all students not fully registered  
 Fall Break  
 Mid-term grades submitted by 11:59 P.M.  
 Group Advisement Meeting  
 Spring 2022 advisement week  
 Spring 2022 enrollment week  
 Last day to withdraw from a class  
 Thanksgiving Break  
 Fall classes end  
 Fall final examinations

#### Online A Session

Date	Event
Monday	August 23
Friday	August 27
Friday	September 24
Monday	October 11

Classes begin  
 Last day to enroll or add classes/sections  
 Last day to request pass/no pass option  
 Last day to change from credit to audit  
 De-enrollment of all students not fully registered  
 Last day to withdraw from a class  
 Classes end

#### Advantage Session (Online Dual Enrollment)

Date	Event
Monday	August 23
Friday	September 3
Mon - Sun	October 11-17
Tuesday	October 12
Friday	November 19
Friday	December 10

Classes begin  
 Last day to enroll or add classes/sections  
 Last day to request pass/no pass option  
 Last day to change from credit to audit  
 De-enrollment of students not fully registered  
 Fall Break – No Assignments Due  
 Midterm grades submitted by 11:59 P.M.  
 Last day to withdraw from a class  
 Fall classes end

#### Graduate Education September Modular

Date	Event
Thursday	August 26
Thursday	September 9
Saturday	September 11
Monday	October 4
Monday	October 11

Required pre-course work begins in D2L  
 In Class Portion begins  
 Last day to enroll or add classes/sections  
 Last day to withdraw without recording  
 Last day to change from credit to audit  
 In-class portion ends  
 Last day to withdraw from a class  
 Classes End

**Graduate Theology 1<sup>st</sup> Blended A**

Date		Event
Tuesday	August 26	Course work begins on D2L
Monday	September 8	Last day to enroll or add classes/sections Last day to withdraw without recording Last day to change from credit to audit
Mon. – Sun.	October 11 – 17	Fall Break
Monday	October 11	Last day to withdraw from a class
Monday	October 18	In-class portion begins
Wednesday	October 20	In-class portion ends - Courses end

**Graduate Theology 2<sup>nd</sup> Blended A**

Date		Event
Tuesday	August 26	Course work begins on D2L
Monday	September 8	Last day to enroll or add classes/sections Last day to withdraw without recording Last day to change from credit to audit
Mon. – Sun.	October 11 – 17	Fall Break
Monday	October 18	Last day to withdraw from a class
Monday	October 25	In-class portion begins
Wednesday	October 27	In-class portion ends - Courses end

**Online Mini A Session**

Date		Event
Monday	September 13	Classes begin
Friday	September 15	Last day to enroll or add classes/sections Last day to request pass/no pass option Last day to change from credit to audit De-enrollment of all students not fully registered
Friday	October 1	Last day to withdraw from a class
Monday	October 11	Classes end

**Graduate Education October Modular**

Date		Event
Thursday	September 23	Required pre-course work begins in D2L
Thursday	October 7	In Class Portion begins Last day to enroll or add classes/sections Last day to withdraw without recording Last day to change from credit to audit
Saturday	October 9	In-class portion ends
Monday	November 1	Last day to withdraw from a class
Monday	November 8	Classes End

**Online B Session**

Date		Event
Monday	October 18	Classes begin
Friday	October 22	Last day to enroll or add classes/sections Last day to request pass/no pass option Last day to change from credit to audit De-enrollment of all students not fully registered
Friday	November 19	Last day to withdraw from a class
Monday	December 6	Classes end

**Graduate Theology 1<sup>st</sup> Blended B**

Date		Event
Wednesday	October 20	In-class portion begins Last day to enroll or add classes/sections Last day to withdraw without recording Last day to change from credit to audit
Friday	October 22	In-class portion ends
Saturday	October 23	Course work continues on D2L
Monday	December 6	Last day to withdraw from a class
Friday	December 17	Courses end

**Graduate Theology 2<sup>nd</sup> Blended B**

Date		Event
Wednesday	October 27	In-class portion begins Last day to enroll or add classes/sections Last day to withdraw without recording Last day to change from credit to audit
Friday	October 29	In-class portion ends
Saturday	October 30	Course work continues on D2L
Wednesday	November 27	Last day to withdraw from a class
Friday	December 17	Courses end

**Graduate Education November Modular**

Date		Event
Thursday	October 28	Required pre-course work begins in D2L
Thursday	November 11	In Class Portion begins Last day to enroll or add classes/sections Last day to withdraw without recording Last day to change from credit to audit
Saturday	November 13	In-class portion ends
Monday	December 6	Last day to withdraw from a class
Monday	December 13	Classes End

**Online Mini B Session**

Date		Event
Monday	November 8	Classes begin
Friday	November 10	Last day to enroll or add classes/sections Last day to request pass/no pass option Last day to change from credit to audit De-enrollment of all students not fully registered
Friday	November 26	Last day to withdraw from a class
Monday	December 6	Classes end

**Spring Semester 2022****Main Session**

Date		Event
Mon.- Wed.	January 10 - 12	New & Returning Student Move-in Registration
Thursday	January 13	Classes Begin
Friday	January 14	De-enrollment and assessment of late registration fee of \$175 to returning students not fully registered
Monday	January 17	Martin Luther King, Jr. Day – No Classes
Wednesday	January 26	Last day to enroll or add classes/sections Last day to request pass/no pass option Last day to change from credit to audit De-enrollment of all students not fully registered
Monday	February 21	Group Advisement Meeting
Mon.-Fri.	Feb. 21 - Mar. 4	Summer & Fall 2022 advisement weeks
Mon.-Fri.	March 7 - 11	Summer & Fall 2022 enrollment week
Sat. – Sun.	March 12 - 20	Spring Break
Tuesday	March 15	Mid-term grades submitted by 11:59 P.M.
Friday	April 8	Last day to withdraw from a class
Friday	April 15	Good Friday – No Classes
Friday	April 22	Spring classes end
Saturday	April 23	Spring examinations begin
Friday	April 29	Spring examinations end
Saturday	April 30	Commencement

**Online A Session**

Date		Event
Monday	January 10	Classes begin
Friday	January 14	Last day to enroll or add classes/sections Last day to request pass/no pass option

		Last day to change from credit to audit
		De-enrollment of all students not fully registered
Friday	February 11	Last day to withdraw from a class
Monday	February 28	Classes end

### **Graduate Theology 1<sup>st</sup> Blended A**

Date		Event
Monday	January 10	Course work begins on D2L
Wednesday	January 26	Last day to enroll or add classes/sections
		Last day to withdraw without recording
		Last day to change from credit to audit
Monday	February 21	Last day to withdraw from a class
Monday	February 28	In-class portion begins
Wednesday	March 2	In-class portion ends - Courses end

### **Graduate Theology 2<sup>nd</sup> Blended A**

Date		Event
Monday	January 10	Course work begins on D2L
Wednesday	January 26	Last day to enroll or add classes/sections
		Last day to withdraw without recording
		Last day to change from credit to audit
Monday	February 28	Last day to withdraw from a class
Monday	March 7	In-class portion begins
Wednesday	March 9	In-class portion ends - Courses end

### **Advantage Session (Online Dual Enrollment)**

Date		Event
Monday	January 10	Classes Begin
Friday	January 21	Last day to enroll or add classes/sections
		Last day to request pass/no pass option
		Last day to change from credit to audit
		De-enrollment of students not fully registered
Mon – Sun	March 14 – 20	Spring Break – No Assignments Due
Tuesday	March 15	Midterm grades submitted by 11:59 P.M.
Friday	April 8	Last day to withdraw from a class
Friday	April 29	Spring classes end

### **Graduate Education January Modular**

Date		Event
Thursday	January 13	Required pre-course work begins in D2L
Thursday	January 27	In Class Portion begins
		Last day to enroll or add classes/sections
		Last day to withdraw without recording
		Last day to change from credit to audit
Saturday	January 29	In-class portion ends
Monday	February 21	Last day to withdraw from a class
Tuesday	February 28	Classes End

### **Online Mini A Session**

Date		Event
Monday	January 31	Classes begin
Friday	February 2	Last day to enroll or add classes/sections
		Last day to request pass/no pass option
		Last day to change from credit to audit
		De-enrollment of all students not fully registered
Friday	February 18	Last day to withdraw from a class
Monday	February 28	Classes end

### **Graduate Education February Modular**

Date		Event
Thursday	February 10	Required pre-course work begins in D2L
Thursday	February 24	In Class Portion begins
		Last day to enroll or add classes/sections
		Last day to withdraw without recording

		Last day to change from credit to audit
Saturday	February 26	In-class portion ends
Monday	March 21	Last day to withdraw from a class
Monday	March 28	Classes End

### **Graduate Theology 1<sup>st</sup> Blended B**

Date		Event
Wednesday	March 2	In-class portion begins
		Last day to enroll or add classes/sections
		Last day to withdraw without recording
		Last day to change from credit to audit
Friday	March 4	In-class portion ends
Saturday	March 5	Course work continues on D2L
Mon. – Sun.	March 14 – 20	Spring Break
Monday	April 18	Last day to withdraw from a class
Friday	April 29	Courses end

### **Online B Session**

Date		Event
Monday	March 7	Classes begin
Friday	March 11	Last day to enroll or add classes/sections
		Last day to request pass/no pass option
		Last day to change from credit to audit
		De-enrollment of all students not fully registered
Friday	April 8	Last day to withdraw from a class
Monday	April 25	Classes end

### **Graduate Theology 2<sup>nd</sup> Blended B**

Date		Event
Wednesday	March 9	In-class portion begins
		Last day to enroll or add classes/sections
		Last day to withdraw without recording
		Last day to change from credit to audit
Friday	March 11	In-class portion ends
Saturday	March 12	Course work continues on D2L
Wednesday	April 20	Last day to withdraw from a class
Friday	April 29	Courses end

### **Graduate Education March Modular**

Date		Event
Thursday	March 10	Required pre-course work begins in D2L
Thursday	March 24	In Class Portion begins
		Last day to enroll or add classes/sections
		Last day to withdraw without recording
		Last day to change from credit to audit
Saturday	March 26	In-class portion ends
Monday	April 18	Last day to withdraw from a class
Monday	April 25	Classes End

### **Online Mini B Session**

Date		Event
Monday	March 28	Classes begin
Friday	March 30	Last day to enroll or add classes/sections
		Last day to request pass/no pass option
		Last day to change from credit to audit
		De-enrollment of all students not fully registered
Friday	April 15	Last day to withdraw from a class
Monday	April 25	Classes end

## **Summer 2022**

### **1<sup>st</sup> Summer Session**

Date		Event
Monday	May 2	Classes begin

Tuesday	May 3	Last day to enroll or add classes/sections Last day to request pass/no pass option Last day to change from credit to audit De-enrollment of all students not fully registered
Wednesday	May 18	Last day to withdraw from a class
Friday	May 20	Classes end

#### **Online A Session**

Date		Event
Monday	May 2	Classes begin
Friday	May 6	Last day to enroll or add classes/sections Last day to request pass/no pass option Last day to change from credit to audit De-enrollment of all students not fully registered
Friday	June 3	Last day to withdraw from a class
Monday	June 20	Classes end

#### **MBA-L & DNP Summer 2022 Online Session**

Date		Event
Monday	May 2	Classes begin
Friday	May 13	Last day to enroll or add classes/sections Last day to request pass/no pass option Last day to change from credit to audit De-enrollment of students not fully registered
Tue – Mon	June 28 – July 4	MBA-L Students – Summer Break
Friday	July 15	Last day to withdraw from a class
Monday	August 8	Classes end

#### **5<sup>th</sup> Summer Session**

Date		Event
Monday	May 2	Classes begin
Friday	May 13	Last day to enroll or add classes/sections Last day to request pass/no pass option Last day to change from credit to audit De-enrollment of all students not fully registered
Monday	May 30	Memorial Day – No Classes
Friday	July 29	Last day to withdraw from a class
Friday	August 19	Classes end

#### **Advantage Session (Online Dual Enrollment)**

Date		Event
Monday	May 2	Classes begin
Friday	May 13	Last day to enroll or add classes/sections Last day to request pass/no pass option Last day to change from credit to audit De-enrollment of all students not fully registered
Monday	May 30	Memorial Day – No Classes
Mon-Sun	June 27 – July 3	Summer Break – No Assignments Due
Friday	July 29	Last day to withdraw from a class
Friday	August 19	Classes end
Tuesday	August 23	Final Grades Due by 11:59 P.M.

#### **Graduate Theology Blended A**

Date		Event
Monday	May 9	Course work begins on D2L
Friday	May 20	Last day to enroll or add classes/sections Last day to withdraw without recording Last day to change from credit to audit
Monday	June 20	Last day to withdraw from a class
Monday	June 27	In-class portion begins
Wednesday	June 29	In-class portion ends - Courses end

**2<sup>nd</sup> Summer Session**

Date		Event
Monday	May 23	Classes begin
Tuesday	May 24	Last day to enroll or add classes/sections Last day to request pass/no pass option Last day to change from credit to audit De-enrollment of all students not fully registered
Monday	May 30	Memorial Day – No Classes
Saturday	June 4	CLASSES MEET
Wednesday	June 8	Last day to withdraw from a class
Friday	June 10	Classes end

**Online Mini A Session**

Date		Event
Monday	May 23	Classes begin
Wednesday	May 25	Last day to enroll or add classes/sections Last day to request pass/no pass option Last day to change from credit to audit De-enrollment of all students not fully registered
Friday	June 10	Last day to withdraw from a class
Monday	June 20	Classes end

**3<sup>rd</sup> Summer Session**

Date		Event
Monday	June 13	Classes begin
Tuesday	June 14	Last day to enroll or add classes/sections Last day to request pass/no pass option Last day to change from credit to audit De-enrollment of all students not fully registered
Wednesday	June 29	Last day to withdraw from a class
Friday	July 1	Classes end

**Graduate Education Summer Modulars**

Date		Event
Monday	June 13	Required pre-course work begins in D2L
Monday	June 27	MOD 1 – In-Class Portion Begins Last day to enroll or add classes/sections Last day to request pass/fail option Last day to withdraw without recording Last day to change from credit to audit
Wednesday	June 29	MOD 1 - In-Class Portion Ends
Thursday	June 30	MOD 2 – In-Class Portion Begins
Saturday	July 2	MOD 2 – In-Class Portion Ends
Monday	July 25	Last day to withdraw from a class
Monday	August 1	Classes End

**Graduate Theology Blended B**

Date		Event
Wednesday	June 29	In-class portion begins Last day to enroll or add classes/sections Last day to withdraw without recording Last day to change from credit to audit
Friday	July 1	In-class portion ends
Saturday	July 2	Course work continues on D2L
Wednesday	August 10	Last day to withdraw from a class
Friday	August 19	Courses end

**Online B Session**

Date		Event
Monday	June 27	Classes begin
Friday	July 1	Last day to enroll or add classes/sections Last day to request pass/no pass option Last day to change from credit to audit

Friday	July 29	De-enrollment of all students not fully registered
Monday	August 15	Last day to withdraw from a class
		Classes end

#### **4<sup>th</sup> Summer Session**

Date		Event
Tuesday	July 5	Classes begin
Wednesday	July 6	Last day to enroll or add classes/sections
		Last day to request pass/no pass option
		Last day to change from credit to audit
		De-enrollment of all students not fully registered
Saturday	July 9	CLASSES MEET
Wednesday	July 20	Last day to withdraw from a class
Friday	July 22	Classes end

#### **Online Mini B Session**

Date		Event
Monday	July 18	Classes begin
Wednesday	July 20	Last day to enroll or add classes/sections
		Last day to request pass/no pass option
		Last day to change from credit to audit
		De-enrollment of all students not fully registered
Friday	August 5	Last day to withdraw from a class
Monday	August 15	Classes end

#### **Lead-In Session**

Date		Event
Monday	August 1	Classes begin
Tuesday	August 2	Last day to enroll or add classes/sections
		Last day to request pass/no pass option
		Last day to change from credit to audit
		De-enrollment of all students not fully registered
Wednesday	August 17	Last day to withdraw from a class
Friday	August 19	Classes end

## **2021-2022 Year-long Terms**

#### **September Year Long**

Tuesday	September 7	Instruction begins
Monday	September 20	Last day to enroll or add classes/sections
		De-enrollment of all students not fully registered
Tue. – Sun.	Oct. 26 - 31	Instructional Break
Mon.-Sun.	Dec. 20, 2021 – Jan. 16, 2022	Christmas Break
Mon. – Sun.	March 7 - 13	Instructional Break
Mon. – Sun.	April 11 - 17	Easter Break
Mon. – Sun.	May 9 - 15	Instructional Break
Friday	June 17	Last day to withdraw from a class
Mon. – Sun.	Jun 27 – July 3	Instructional Break
Sunday	August 28	Instruction ends

#### **January Year-long Term**

Date		Event
Monday	January 24	Instruction begins
Sunday	February 6	Last day to enroll or add classes/sections
		De-enrollment of all students not fully registered
Mon. – Sun.	Mar. 21 - 27	Instructional Break
Mon. – Sun.	April 11 - 17	Easter Break
Mon. – Sun.	May 23 - 29	Instructional Break
Mon. – Sun.	July 18 – 24	Instructional Break
Mon. – Sun.	Sept. 12 - 18	Instructional Break
Friday	November 4	Last day to withdraw from a class

Mon. – Sun.	Nov. 7 - 13	Instructional Break
Mon.-Sun.	Dec. 19, 2022 – Jan. 1, 2023	Christmas Break
Sunday	January 15	Instruction ends

### **May Year-long Term**

Date		Event
Monday	May 16	Instruction begins
Sunday	May 29	Last day to enroll or add classes/sections De-enrollment of all students not fully registered
Mon. – Sun.	July 4 - 10	Instructional Break
Mon. – Sun.	Aug. 29 – Sep. 4	Instructional Break
Mon. – Sun.	Oct. 24 - 30	Instructional Break
Mon. – Sun.	Nov 21 – 27	Thanksgiving Break – no instruction
Mon.-Sun.	Dec. 19, 2022 – Jan. 8, 2023	Christmas Break
Friday	February 24	Last day to withdraw from a class
Mon. – Sun.	March 6 - 12	Instructional Break
Mon. – Sun.	April 3 - 9	Easter Break
Sunday	May 7	Instruction ends

# Administration

## Board of Trustees

### Officers

Holly Moore, Chair  
LaDonna Osborn, Secretary  
Brad Thomas, Treasurer

### Trustees

Phyllis Allen	Michael Fletcher
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## Board of Reference

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Don Argue, Ed.D. ....Ambassador at Large  
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West Bank, Jerusalem, Israel

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elected to the U.S. House of  
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Stillwater, Minnesota

Keith Bailey.....Retired  
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Mary Banks.....Principal,  
WOW Consulting Group  
Houston, Texas

Matthew Barnett.....Senior Pastor, Angelus  
Temple Co-Founder,  
L.A. Dream Center Los Angeles, California

David Barton.....President  
WallBuilders  
Aledo, Texas

David Becker.....Missionary

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Lusaka, Zambia, Africa

Suzanne Behr.....R & D Manager  
Sercel-GRC  
Tulsa, Oklahoma

John and Lisa Bevere.....Co-Founder,  
Author, Speaker  
Messenger International  
Palmer Lake, Colorado

Bob Keith Bonebrake.....Freelance Writer  
Olathe, Kansas

Fredrick Boswell, Jr.....Executive Director  
Summer Institute of Linguistics  
Hazel Green, Alabama

Dr. Kathleen A. Boyls.....Pediatrician  
Utica Park Clinic  
Tulsa, Oklahoma

Neal Bratschun.....Consultant, Executive  
Director  
Strategic Impact Consulting  
Tulsa, Oklahoma

Isak Burger.....President  
Apostolic Faith Mission of South Africa  
Silver Lakes, South Africa

Chris Busch.....President & Founder  
LightQuest Media, Inc  
Tulsa, Oklahoma

Al Bush (In Perpetuity) .....Owner  
The Holding Company, Ltd.  
Tulsa, Oklahoma

Michael Cardone, Jr.....Chair and CEO  
Cardone Industries  
Philadelphia, Pennsylvania

Osvaldo Carnival.....Pastor, Host  
700 Club for Latin America  
Buenos Aires, Argentina

Ilya Carrera.....Senior Pastor  
Centro Cristiano  
Betania, Panama

Mathews and Rachel Chacko.....Founders,  
Bethany Academy  
Co-Founders/ Managing Directors,  
Powervision TV  
Thiruvalla, Kerala, India

Joe Champion.....Pastor  
Celebration Church  
Georgetown, Texas

Dr. Ernest Chan.....President  
Agape Renewal Ministry  
Walnut, California

Neal and Danette Childs.....Missionaries  
Niger

Rick Ciaramitaro.....Pastor  
Open Bible Faith Fellowship of Canada  
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Randy and Becky Coates.....Missionaries  
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Cooke Pictures  
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Keith Craft.....Pastor  
Elevate Life Church  
Frisco, Texas

Juanita Cercone de González.....Enlace  
Costa Rica and Dallas, Texas

Paul Daugherty.....Lead Pastor  
Victory Church  
Tulsa, Oklahoma

Sharon Daugherty.....Founder  
Victory Church  
Tulsa, Oklahoma

Daniel Delgado, D.Min. ....Executive Director  
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Staten Island, New York

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Springfield, Missouri

Tessie DeVore.....President,  
LUMO Project  
Florida

Neal Donop.....President  
Legacy Charities  
Beijing, China

Derek Dunn.....Lead Pastor  
City Harvest Church  
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Chady El-Aouad.....Founding/Senior Pastor  
Abundant Life Church and Ministries  
Beirut, Lebanon

Tim Elmore.....President  
Growing Leaders  
Atlanta, Georgia

Doug Fears.....Former Executive Vice  
President and Chief Financial Officer  
Helmerich and Payne, Inc.  
Tulsa, Oklahoma

Rick Fenimore.....Vice-Chair, ORU Board of  
Reference  
President and Co-Founder,  
Trinity Chemical Industries  
Tulsa, Oklahoma

Dr. David Ferguson.....President  
Intimate Life Ministries  
Cedar Park, Texas

Terry Fisher.....Vice President  
Trinity Chemical  
Tulsa, Oklahoma

Mark Floyd.....CEO  
CYNAN  
Petaluma, California

Bob Fouch.....Vice President/Controller  
Alliance Resource Partners, L.P.  
Tulsa, Oklahoma

Jentezen Franklin.....Senior Pastor  
Free Chapel Church  
Gainesville, Georgia

Claudio Freidzon.....Pastor  
King of Kings Church  
Buenos Aires, Argentina

Alton Garrison.....	Assistant General Superintendent General Council of Assemblies of God Springfield, Missouri	Hon Development Company Foothill Ranch, California	Mexico
Nick R. Garza.....	Senior Pastor Third Day Worship Center Elk Grove, California	Rob Hoskins.....	Executive Producer "Home Run" President of Hero Productions
Myron W. Goff.....	Founder and President Cloverleaf Park, Inc. Hutchison, Texas	Brian Houston.....	Director CBN Indonesia Jakarta, Indonesia
Prudencio (J.R.) Gonzalez.....	Senior Pastor Christian Worship Center Los Angeles, California	Palma Hutchnson.....	Dr. Charles McKinney.....
Edward Grabovenko.....	Head Bishop Russian Church of Christians of Evangelical Faith Head Pastor, New Testament Church Perm, Russia	Rev. Feb Idahosa.....	Consultant Former Director of Educational Services Florida Gulf Coast University
Jim Graff.....	Pastor Faith Family Church Victoria, Texas	Odiachi Ikenna.....	Dr. Jeré Melilli.....
David Green.....	CEO/Founder Hobby Lobby Oklahoma City, Oklahoma	Cosmas Ilechukwu.....	Pastor/Co-Founder Christian Life Fellowship and Christian Life Academy Baton Rouge, Louisiana
Mart Green.....	Chair, ORU Board of Reference Chief Strategy Officer, Green Family Businesses Board Chair, Hobby Lobby Oklahoma City, Oklahoma	Cindy Jacobs.....	Derrick Milne.....
Prince Guneratnam.....	General Superintendent, Emeritus Assemblies of God of Malaysia Chairman, Pentecostal World Fellowship Senior Pastor, Calvary Church Kuala Lumpur, Malaysia	Max D. James.....	President/CEO Trimark Athletic Supplies Markham, Ontario, Canada
Michael Hammer.....	Chairman and CEO The Armand Hammer Foundation and The Hammer International Foundation	Sheryl Kloehr.....	Rev. Dr. Jesse Miranda.....
Bruce and Maria Hanson.....	Owners Hanson Communications Willmar, Minnesota	Rob and Laura Koke.....	President The Miranda Center for Hispanic Leadership Costa Mesa, California
Dr. Tom Harrison.....	Senior Pastor Asbury United Methodist Church Tulsa, Oklahoma	Bill and Barbara Kuert.....	Larry Wayne Morbitt.....
Hans Helmerich.....	Chairman/CEO Helmerich and Payne, Inc. Tulsa, Oklahoma	John Laffitte, Ph.D., P.E. ....	Speaker, Singer, Entertainer Las Vegas, Nevada
Johnie Hampton.....	Owner and Founder Hampton Creative Tulsa, Oklahoma	Young Hoon Lee.....	Dr. Michael G. Muhonen.....
Dave Hentschel.....	Retired Tulsa, Oklahoma	James Leggett.....	Chief of Staff and Director Neurosurgery and Neuroscience Institute Children's Hospital of Orange County, California
Dr. Marilyn Hickey.....	President Marilyn Hickey Ministries Englewood, Colorado	Lynette Lewis.....	Charles Mulli.....
Wayne Hilsden.....	Pastor King of Kings Jerusalem, Israel	Jorge H. Lopez.....	Founder and CEO Mully Children's Family Nairobi, Kenya
Al Hollingsworth.....	Founder Christian Business Ministries/B.O.S.S. Movement/Vertical Leap Ontario, California	Ron Luce.....	Tom Newman.....
Barry Hon.....	President	Apostle G. Maldonado.....	President Impact Productions Tulsa, Oklahoma
		Stephen Mansfield.....	Niko Njortorahardjo.....
		Juan Carlos Manzewitsch.....	Senior Pastor Gereja Bethel Indonesia Kelapa Gading, Jakarta Utara, Indonesia
			Jim Norton.....
			President Jim Norton Toyota/Chevrolet Tulsa, Oklahoma
			Dr. Rev. Ángel L. Núñez.....
			Senior Pastor The Bilingual Christian Church Baltimore, Maryland
			Eve Núñez.....
			President/Founder Arizona Latino Commission Vice President, Networking National Hispanic Christian Leadership Conference Senior Pastor/ Founder Help4kidz Phoenix, Arizona
			Ayo Ortisejafor.....
			President Pentecostal Fellowship of Nigeria Pastor, Word of Life Bible Church Warri, Nigeria
			Imoite Papa.....
			Presiding Bishop and Senior Pastor World Harvest Christian Centre Nairobi, Kenya
			Glenda Payas, D.M.D. ....
			Owner and Operator Payas Dental Restoration Tulsa, Oklahoma
			Rick Pearson.....
			President Pearson Bus Sales Brantford, Ontario, Canada

Henry Penix.....	CEO ZOMM Tulsa, Oklahoma
John Phillips.....	Computer Technologies Sales Tulsa, Oklahoma
Dr. Augustine Pinto.....	Chairman Ryan Int'l Schools Mumbai, India
Chuck Ramsay.....	Owner/President The Ramsay Company Tulsa, Oklahoma
Tim Reiterman.....	Procurement Manager The Boeing Company
Gordon Robertson.....	CEO Christian Broadcasting Network Virginia Beach, Virginia
Bob Rodgers.....	Senior Pastor Evangel World Prayer Center Louisville, Kentucky
Wanda Rolon.....	Apostle Tabernacle of Praise and Restoration La Senda, Antigua, Toa Alta, Puerto Rico
Charles Scott.....	General Bishop Pentecostal Church of God Joplin, Missouri
Dr. David Shibley.....	Founder and International Representative, Global Advance Dallas, Texas
Bill Shuler.....	Pastor Capital Life Church Washington, D.C.
Dr. Russell Spittler.....	Provost Emeritus and Emeritus Professor of New Testament Fuller Theological Seminary Pasadena, California
Dr. Bob Stamps.....	ORU Vice President of Spiritual Affairs (retired) and Dean of Chapel, Asbury Theological Seminary Wilmore, Kentucky
Paula Sterns.....	Nurse in various ministries Fort Worth, Texas
Larry D. Stockstill.....	Director The Surge Project Baker, Louisiana
Jim Stovall.....	Author/Columnist Founder/President Narrative Television Network Tulsa, Oklahoma
John Suan.....	Healthcare Consultant Canada and Singapore
Dr. David E. Sumrall.....	Senior Pastor Cathedral of Praise Manila, Philippines
Greg Surratt.....	Senior Pastor, Seacoast Church Association of Related Churches Mount Pleasant, South Carolina
Cliff Taulbert.....	President Freemount Corporation Building Community Institute Tulsa, Oklahoma
Matthew K. Thomas.....	President Central India Outreach Fellowship of Pentecostal Churches in India
Weldon L. Tisdale, Sr.....	Senior Pastor Friendship Church Tulsa, Oklahoma
Robert W. Tull, Jr.....	President Tull Financial Group, Inc. Chesapeake, Virginia
Dr. R. Lamar Vest.....	President/CEO American Bible Society New York City, New York
Leesa C. Waliszewski.....	Dean of Instructional Philosophy, The Classical Academy Charter School Colorado Springs, Colorado
Robert B. Waliszewski.....	Media and Culture Director Focus on the Family Colorado Springs, Colorado
Charlie Watson.....	Owner Charlie Watson Enterprises Lebanon, Ohio
J.C. Watts, Jr.....	Chairman J.C. Watts Companies Washington, D.C.
Dale G. Wilkerson.....	V.P. and Controller Alliance Resource Partners, L.P. (Retired)
Tom Winters.....	Partner and Attorney Winters and King, Inc. Tulsa, Oklahoma
Marcos Witt.....	Founder/CEO CanZion Group Pastor, Hispanic Ministries Lakewood Church Houston, Texas
George Wood.....	General Superintendent The Council of the Assemblies of God Springfield, Missouri
Kelly Wright.....	Fox News Correspondent Washington, D.C.

## Accreditation

Oral Roberts University is accredited by the Higher Learning Commission and is a member of the North Central Association (NCA), 230 South LaSalle Street, Suite 7-500, Chicago, Illinois 60604-1411, 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 School of Nursing is accredited by the Commission on Collegiate Nursing Education (CCNE), One DuPont Circle, NW Suite 530, Washington, D.C. 20036-1120, (202) 887-6791 and is approved by the Oklahoma Board of Nursing.

The Social Work program of the Behavioral Science Department is accredited by the Council on Social Work Education (CSWE).

Oral Roberts University is an accredited institutional member of the National Association of Schools of Music (NASM). The music therapy program is approved by the American Music Therapy Association (AMTA).

The Oral Roberts University Graduate School of Theology and Ministry is accredited by the Commission on Accreditation of 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 Bachelor of Science in Engineering (BSE) degree for General Engineering (with concentrations in electrical, computer, and mechanical engineering) in the College of Science and Engineering's School of Engineering is accredited by ABET.

The College of Education is accredited by the Council for the Accreditation of Educator Preparation (CAEP) and the Office of Educational Quality and Accountability (OEQA).

## Affiliations

ORU is a member of the Council for Christian Colleges and Universities (CCCCU), a global higher education association dedicated to advancing faith and intellect for the common good as an association of intentionally Christian colleges and universities with more than 180 member institutions. The CCCU mission is "committed to supporting, protecting, and promoting the value of integrating the Bible--divinely inspired, true, and authoritative--throughout all curricular and co-curricular aspects of the educational experience on our campuses, including teaching and research. We support a coherent approach to education in which the development of the mind, spirit, body, and emotions are seamlessly woven together in the quest not just for knowledge but also for wisdom.

## University Administration Directory

### President's Cabinet

President  
William Wilson, D.Min. ....(918) 495-6175

.....president@oru.edu

Provost and Chief Academic Officer  
Kathleen Reid-Martinez, Ph.D. ....  
.....(918) 495-7855  
.....kreid-martinez@oru.edu

Vice President of Advancement  
Natalie Adams .....  
.....(918) 495-6150  
.....nadams@oru.edu

Assistant Vice President of Enrollment  
Management - Residential  
Alison Vujnovic .....  
.....(918) 495-6221  
.....avujnovic@oru.edu

Assistant Vice President of Enrollment  
Management – Online  
Nathan Carson .....  
.....(918) 495-6127  
.....nacarson@oru.edu

Vice President of External Affairs  
Charles Scott, Ed.D. ....  
.....(918) 495-6228  
.....cscott@oru.edu

Vice President and General Counsel  
Terry Kollmorgen, J.D. ....  
.....(918) 495-6175  
.....tkollmorgen@oru.edu

Vice President of Student Life  
Clarence Boyd, D.Min. ....  
.....(918) 495-7703  
.....cboyd@oru.edu

Vice President of Technology and  
Innovation  
Michael Mathews .....  
.....(918) 495-6812  
.....mmathews@oru.edu

Chief Financial Officer  
Neal Stenzel, C.P.A. ....  
.....(918) 495-6203  
.....nstenzel@oru.edu

Chief Operations Officer  
Tim Philley, M.B.A. ....  
.....(918) 495-6970  
.....tphilley@oru.edu

Athletic Director  
Tim Johnson .....  
.....(918) 495-7951  
.....tjohnson@oru.edu

## Academic Deans

Assistant for Administration to the Provost,  
Academic Excellence, Dean of the College  
of Science and Engineering  
Kenneth Weed, Ph.D. ....  
.....(918) 495-6917  
.....kweed@oru.edu

Associate Dean, College of Science &  
Engineering  
Angela Watson, Ph.D. ....  
.....918-495-6797  
.....awatson@oru.edu

Assistant for Administration to the Provost,  
Exceptional Teaching, Dean of the College  
of Education  
Kim E. Boyd, Ed.D. ....  
.....(918) 495-7108  
.....kboyd@oru.edu

Associate Dean, College of Education  
Hallett Hullinger, Ed.D. ....  
.....918-495-7073  
.....hhullinger@oru.edu

Dean of the College of Arts and Cultural  
Studies  
W. Curtis Ellis, Ph.D. ....  
.....(918) 495-7308  
.....wellis@oru.edu

Dean of the College of Business  
Julie Huntley, Ph.D. ....  
.....(918) 495-7040  
.....jhuntley@oru.edu

Dean of the Health Sciences  
Kathleen Reid-Martinez, Ph.D. ....  
.....(918) 495-7855  
.....kreid-martinez@oru.edu

Dean of the College of Theology and  
Ministry  
Wonsuk Ma, Ph.D. ....  
.....(918) 495-7016  
.....wma@oru.edu

Associate Dean of the College of Theology  
and Ministry  
William Buker, D.Min., Ph.D. ....  
.....(918) 495-6493  
.....bbuker@oru.edu

Dean of Learning Resources  
Mark E. Roberts, Ph.D. ....  
.....(918) 495-6723  
.....mroberts@oru.edu

## Academic Department Chairs

Behavioral Sciences  
Randall Feller, Ph.D. ....  
.....(918) 495-6534  
.....rfeller@oru.edu

Biology & Chemistry  
Celestino Velásquez, Ph.D. ....  
.....(918) 495-6947  
.....cvelasquez@oru.edu

Business (Undergraduate)  
William Crawford, Ph.D. ....  
.....(918) 495-6884  
.....billcrawford@oru.edu

Business (Graduate)  
William Crawford, Ph.D. ....  
.....(918) 495-6884  
.....wcrawfordl@oru.edu

School of Communication & Public Affairs  
Cristi Freudenrich, Ph.D. ....  
.....(918) 495-6674  
.....cfreudenrich@oru.edu

Computing & Mathematics  
Andrew Lang, Ph.D. ....  
.....(918) 495-6692  
.....alang@oru.edu

Education (Undergraduate)  
Chancey Bosch, Ph.D. ....  
.....(918) 495-7085  
.....cbosch@oru.edu

Education (Graduate)  
Patrick Otto, Ed.D. ....  
.....(918) 495-7087  
.....jotto@oru.edu

Engineering  
John Matsson, Ph.D. ....  
.....(918) 495-6935  
.....jmatsson@oru.edu

School of Liberal Arts  
David Farnsworth, M.A. ....  
.....(918) 495-6768  
.....dfarnsworth@oru.edu

Health, Leisure, and Sport Sciences  
Angela Watson, Ph.D. ....  
.....(918) 495-6797  
.....awatson@oru.edu

School of Worship, Media, & Performing  
Arts  
John Jenkins, D.M.A. .... Director of Music  
.....(918) 495-7343  
.....jjenkins@oru.edu  
Courtney Sanders Irish, M.F.A., .... Director of  
..... Theatre  
.....(918) 495-6866  
.....csanders@oru.edu  
Christina Schneider, M.F.A., .... Director of  
..... Dance  
.....(918) 495-6800  
.....cschneider@oru.edu

Nursing  
Audrey Thompson, Ph.D. ....  
.....(918) 495-6140  
.....athompson@oru.edu

Theology (Undergraduate)  
Chris Foster, Ph.D. ....  
.....(918) 495-7015  
.....cfoster@oru.edu

Theology (Graduate)  
Bill Buker, D.Min., Ph.D. ....  
.....(918) 495-6493  
.....bbuker@oru.edu

## Department Directors and Office Heads

Admissions .....  
.....(918) 495-6518  
.....admissions@oru.edu

Auxiliary Services  
Caryn Ballou .....  
.....(918) 495-6970  
.....cballou@oru.edu

Budget and Student Financial Services  
Tonya Helm .....  
.....(918) 495-6244  
.....thelm@oru.edu

Career Services

Kelan Henderson .....(918) 495-6912  
 .....kehenderson@oru.edu

Stovall Center for Entrepreneurship  
 Kevin Schneider, DBA .....(918) 495-6563  
 .....kschneider@oru.edu

Church and Educational Partnerships  
 Randall Loescher, D.Min.,.....(918) 495-7322  
 .....rloescher@oru.edu

Center for Israel and Middle East Studies  
 John Swails, III, Ph.D. ....(918) 495-6072  
 .....jswails@oru.edu

Controller  
 Michelle McMillan .....(918) 495-6001  
 .....mmcmillan@oru.edu

Counseling Services  
 .....(918) 495-6581

Dean of Student Development  
 Lori Cook .....(918) 495-7708  
 .....lcook@oru.edu

Development  
 Elisabeth Rogers .....(918) 495-7771  
 .....elrogers@oru.edu

Regional Development Directors  
 Jean Gonzalez .....(305) 525-7196  
 .....jegonzalez@oru.edu  
 Rick Klein.....(918) 607-0223  
 .....rklein@oru.edu  
 Ted Whaley .....(918) 288-3033  
 .....twhaley@oru.edu

Enrollment  
 Alison Vujnovic .....(918) 495-6221  
 .....avujnovic@oru.edu

Facility Services/University Calendar  
 Jed Cravalho.....(918) 495-6421  
 .....jcravalho@oru.edu

Financial Aid  
 Emily Atkerson .....(918) 495-7410  
 .....eatkerson@oru.edu

Golden Eagle Club  
 Scott Higgins .....(918) 495-7400  
 .....shiggins@oru.edu

Housing  
 Kimberly Kite .....(918) 495-7058  
 .....kkite@oru.edu

Human Resources/Title IX Compliance  
 Katie Lentz, Ed.D. ....(918) 495-7709  
 .....maolsen@oru.edu

Information Technology  
 Michael Mathews.....(918) 495-6812  
 .....mmathews@oru.edu

International Student Admissions  
 Lisa Edwards .....(918) 495-6488  
 .....ledwards@oru.edu

International Student Center  
 Carole Decean.....918-495-7190  
 .....cdecean@oru.edu

ORU Bible Institute  
 Sameh Barsoum .....(918) 495-6739  
 .....sbarsoum@oru.edu

Missions and Outreach Ministries  
 Andrea Hyre .....(918) 495-7723  
 .....ahyre@oru.edu

Public Safety and Security  
 Bill Hunt .....(918) 495-7749  
 .....whunt@oru.edu

Online Programs.....(855) 585-2015  
 .....online@oru.edu

University Registrar  
 Connie Sjoberg, Ph.D.....(918) 495-6549  
 .....registrar@oru.edu

Spiritual Life & Chaplain Programs  
 Augustine Mendoza, M.A. ....(918) 495-7727  
 .....augiemendoza@oru.edu

Student Accounts  
 Karen Bauer .....(918) 495-7371  
 .....kbauer@oru.edu

Student Experience  
 Jonathan Baker .....(918) 495-6962  
 .....jobaker@oru.edu

Student Success and Retention  
 Juli Atkinson .....(918) 495-7650  
 .....juatkinson@oru.edu

Student Support Services  
 Laura Schwier.....(918) 495-6689  
 .....lschwier@oru.edu

Study Abroad  
 Jessica Tenorio Apolinario, M.B.A. ....(918) 495-6813  
 .....jtenorio@oru.edu

# Commitments

## Vision

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

To develop Spirit-empowered leaders through whole person education to impact the world.

## Core Values

### Christian Distinctiveness

We are a God-centered university that upholds a Christian worldview with a Spirit-empowered 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 pursue spiritual integrity, personal resilience, intellectual pursuit, global engagement, and a bold vision.

### 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 encouraging unity in diversity. We believe that all people have been created in the image of God and deserve to be respected.

## Honor Code Living

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

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

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

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

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

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

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

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

## What Is Oral Roberts University?

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

ORU is distinctly Christian. As students prepare for their life, they strive to attain

academic excellence, physical fitness, and dynamic spiritual growth.

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

In addition to scholastic efforts, all students gather to worship in twice-weekly chapel services. Other opportunities, such as wing devotions, personal prayer times, and participation in outreach ministry offer additional possibilities for spiritual growth. Physical fitness is fostered by ORU's aerobics program, developed by the originator of modern aerobic exercise—Dr. Kenneth Cooper. The program includes recreation and competitive sports. The ultra-modern, well-equipped Aerobics Center provides an environment conducive to effective exercise.

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

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

### Background

Granville Oral Roberts was born January 24, 1918, a Native American whose parents were Pentecostal preachers of modest means. In his teenage years, Oral contracted tuberculosis and was near death when his family took him to a healing evangelist's meeting. While there, he was soundly converted and completely healed of this disease. He relates that on the night Rev. George Moncey prayed for his healing, he heard God speak to him: "Son, I am going to heal you and you are to take my healing power to your generation. You are to build me a university and build it on my authority and the Holy Spirit." After this experience, Oral became a preacher and healing evangelist. Later during his healing ministry, God reminded Oral of the educational mandate he received years before and clarified the assignment. "Raise up your students to hear my voice to go

where my light is dim, where my voice is heard small and my healing power is not known, even to the uttermost bounds of the earth. Their work will exceed yours, and in this I am well pleased."

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

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

### Commitments

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

#### **1. ORU is a Christian institution.**

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

Holy Spirit in the Church. ORU seeks to be faithful to its calling from God and to these dedicated brothers and sisters in Christ.

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

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

**3. ORU is an ecumenical institution.**

ORU exists to serve the whole Body of Christ worldwide. Over fifty different denominations are represented in the ORU community. Thus, the ORU community makes every effort to maintain "the unity of the Spirit in the bond of peace" (Ephesians 4:3). St. Paul continues, "There is one body, and one Spirit... one Lord, one faith, one baptism, one God and Father of all" (Ephesians 4:4-6). ORU is not concerned with changing the church allegiance of its students or faculty. Rather, it seeks to bring all members of the university community into a more personal and vital relationship with Christ, to assist them in receiving Christ as their personal Savior, and to acquaint them more fully with the charismatic power of the Holy Spirit. The university has a mandate to instruct students in the operation of and participation in all of the gifts of the Holy Spirit. The university sends the students to the churches of their choice as more committed and equipped disciples of Jesus Christ and servants of His Church. ORU students are expected to worship at a local church in addition to participating in worship on campus. ORU desires unity in essentials, diversity in non-essentials, and love in all things.

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

This includes an emphasis on Western civilization and the Judeo-Christian tradition

from which the institution of the university has emerged. In addition to criteria for academic excellence, criteria exist for evaluating the spiritual and physical conditions of each student.

**5. ORU is a distinct institution.**

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

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

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

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

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

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

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

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

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

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

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

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

**Dedication to Developing the Whole Person**

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

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

Fitness for a long and healthy life is an important part of the ORU lifestyle. All full-time undergraduate students are required

to enroll in and pass a Health and Physical Education (HPE) course each semester. The physical fitness program also includes opportunities for competitive intramural sports for both men and women.

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

### **Quest for the Whole Person**

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

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

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

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

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

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

Plato said, "The direction in which education starts a man will determine his

future life." Your start here is the direction of a whole man.

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

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

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

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

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

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

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

ORU has a well-defined program of academic excellence. Along with excelling in

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

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

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

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

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

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

## **Campus Description**

Oral Roberts University's 380-acre campus is strategically located within minutes of most Tulsa attractions, including the city's burgeoning downtown area and Tulsa's new world-renowned riverfront park the Gathering Place, with additional easy access to ample off-campus activities and

study areas. The beautifully landscaped campus includes buildings with unique architecture, among them the iconic Prayer Tower, surrounded by the peaceful prayer gardens with large shade trees, flowers, and plenty of space for students to gather on the lawn.

The flagship **Global Learning Center** is designed to maximize the use of technology for learners both in Tulsa and across the globe. This state-of-the-art facility leverages 54,000 square feet of totally redesigned space and the best in 21st-century technology for maximum student impact. The cutting-edge learning center includes: web-based smart classrooms, virtual reality training hubs, an augmented reality learning laboratory, a world-class video production studio, and a 700-seat high-tech performance center, all in an environment using the latest scalable technology to provide unprecedented connectivity between ORU and the world.

The **Learning Resources Center/Graduate Center** is a seven-story, multi-million-dollar diamond-shaped building with 14 acres of library, laboratory, classroom, and office space. The library has a capacity for more than a million volumes and is equipped with the latest technology, including AR and VR learning experiences. The building is equipped with audio and video production facilities, art studios, business incubators, and Titan, the only supercomputer in northeast Oklahoma. It also provides a variety of food and drink options.

The 100,000-square-foot **Nursing and Engineering Complex (NEC)** hosts the nursing simulation lab, which includes high-tech manikins and clinic beds, debriefing room, high-fatality lab, and newborn nursery. The facility also houses the ever-growing School of Engineering with its complete suite of educational facilities and labs.

The **Armand Hammer Alumni-Student Center** is a 28,000-square-foot facility that provides recreational activities for students as well as places for alumni to meet. There are multiple areas for students to relax in a living room-type setting, gaming stations including Switch, Xbox One, and PS4, pool tables, ping pong tables, foosball, air hockey, and one of the largest television screens in Oklahoma. The Hammer Center houses the Student Association Offices and gives students additional dining options such as Moe's Southwest Grill and Jazzman's Café and Bakery.

The campus features nine residence halls, including a new apartment-style

facility with separate wings, one for men and one for women, with a lobby connecting the two. Each suite includes unique recessed sleeping areas, a kitchen, living and dining area, as well as a washer and dryer. Every residence hall room has at least one wired data connection in addition to wireless access to the Internet.

The **Hamill Student Center** houses the Student Union, Student Dining Commons, the Security Office, Zoppelt Auditorium, Chick-Fil-A, Simply to Go, and Freshens Smoothies.

The **Mabee Center** is a 105,000 square foot facility that can accommodate over 11,000 visitors and plays host to ORU's Division 1 men's and women's basketball. The addition of the Conference & Banquet Center, which scales to serve anything from small breakouts and meetings to large-scale banquets and receptions, further increases the flexibility of this arena. It also houses ORU's GEB television station that reaches nearly 34 million viewers, as well as the University Broadcasting offices.

At the heart of the campus, the 200-foot tall **Prayer Tower** is the University's tallest structure. The Visitors Center is housed in the base of the tower, surrounded by the multi-tiered prayer gardens.

The **Aerobics Center** houses the campus physical education facilities. Students can take advantage of the indoor track, weight rooms, indoor pool, basketball, volleyball, and racquetball courts.

The **ONEOK Sports Complex** is ORU's state-of-the-art track and tennis facility.

The **JL Johnson Stadium** is where the University hosts Division 1 baseball games.

The **ORU Sports Park** is the home of intramural competition at ORU and includes a multi-purpose field that accommodates rugby, football, lacrosse, and soccer, as well as a softball diamond and two sand volleyball courts.

**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.

## Services and Facilities

### Library

The ORU library promotes learning by providing academic and professional information resources and services for the entire ORU community. It also publishes historical, academic, and creative content through its online Digital Showcase and the ORU Press. The library is located on the fourth and fifth floors of the **John D.**

**Messick Learning Resource Center (LRC)** and in adjoining areas of the **Marajen Chinigo Graduate Center (GC)**.

The library building is the best place on campus to study because . . .

- it is designed to promote concentration and minimize distraction;
- in it, all library resources – electronic and physical – are available immediately; and
- the faculty and staff are information professionals who are present to help users reap the greatest benefit from all these resources, saving them time and effort.

The library holds over one half million titles, including

- about 470,000 book titles (of which over 190,000 are electronic);
- nearly 37,000 audio-visual items; and
- over 50,000 journal titles, most of which are available online digitally.

Sierra, our library management system, houses the online catalog of the library collection, as well as tracks patron use of materials. The Acquisitions, Cataloging, Periodicals, and Electronic Resources librarians and staff collect, catalog, and process gift and purchased books, periodicals, audio-visuals, and other materials. The library organizes its holdings according to the US Library of Congress classifications, subjects, and call numbers.

The ORU library website (<http://library.oru.edu>) is a portal to library resources available at any time from any computer with Internet access. Among the resources accessible through the website are over 180 online databases and reference collections. Remote access to these resources is available via a login to current students, faculty, and staff. Online research guides offer students, especially online learners, 24/7 library support.

You may call the Library (918-495-6887); email it ([librarian@oru.edu](mailto:librarian@oru.edu)); chat whenever the Library is open (from the website); send an SMS text message (+1-918-532-6672); and make an appointment with a Research Librarian ([oru.libguides.com/accessServices/apptDate](http://oru.libguides.com/accessServices/apptDate)) to meet in person or by video chat. ([librarian@oru.edu](mailto:librarian@oru.edu)); chat whenever

the Library is open (from the website); send an SMS text message (+1-918-532-6672); and make an appointment with a Research Librarian for an in-person or Zoom meeting (<https://oru.libguides.com/accessServices/as k>).

The Library Instruction, Circulation, Interlibrary Loan, Distance Learners Services, Reference, Holy Spirit Research Center, and Theological Library areas are staffed by professional librarians and staff whose primary responsibility is to serve the information and research needs of students and faculty. We also assist distance learners (those enrolled in on-campus courses but living more than an hour away from campus) in accessing materials housed in the ORU library.

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

Books and articles not available in the ORU Library may often be borrowed via **Interlibrary Loan (ILL)**. Electronic materials obtained through ILL are typically delivered via ORU e-mail, while paper and other formats are picked up at and returned to the One-Stop Desk.

The **Library Information Commons (LINC)**, accessible from both the LRC and the GC fourth floor, houses the print Reference collection, the Electronic Resources Center lab, the Periodicals Collection, the Library Instructional Lab, seven Group Study Rooms, and the new Digital Sandbox (home to current immersive learning technologies, including 3D printing).

At the **One-Stop Library Services Desk** is staffed by the Access Services Supervisor, student assistants, and professional Reference librarians who assist patrons researching and answer questions about access and use of electronic resources, periodicals, and other library materials. The non-circulating Reference Collection concentrates selected resources that launch patrons into successful research.

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

The **Electronic Resources (ER)** lab, which is immediately adjacent to the Reference area, contains networked computers for accessing the Internet and the library's electronic resources and for

academic work using the software installed on these machines. The ER lab is also equipped with networked printers, photocopiers, and scanners. Patrons may also use their own devices with the Wi-Fi service available throughout the library and across campus.

Journals, available in bound paper, microform, or CD-ROM formats, are arranged by US Library of Congress call numbers in the **Periodicals** area. Except those in the B classification, bound volumes published prior to 1979 are housed in the main collection on the LRC fifth floor (and may soon be held in a nearby Library Annex). Patrons may read, print, or digitize microform using the reader provided. Periodical titles are searchable online using the home-page tab "Journal Finder +," which links to the electronic full text when available as well as to catalog records of those in paper and other physical formats.

In the **Library Instructional Lab** located at the back 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 library resources including Virtual and Augmented Reality equipment. The state-of-the-art lab is equipped with 30 computers for students, a laptop for the instructor, an LCD projector, sound system, printer and software that facilitates integrated digital classroom presentations.

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

The **Music Listening Room**, located in Timko-Barton Hall, contains a collection of primarily non-circulating 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.

The **Holy Spirit Research Center**, on the fifth floor, contains a non-circulating collection of Pentecostal/charismatic and Holy Spirit materials. It is one of the largest and most comprehensive collections of its kind in the world. It also houses five other special collections, including the Elmar Camillo Dos Santos Collection, the William Sanford LaSor Collection, the Jewish Theological Seminary Collection, the

Howard Ervin Collection, and the Brad Young Collection.

The **Digital Showcase**, begun as a way to share artifacts from ORU's Holy Spirit Research Center, offers a growing collection of scholarly, creative, and historical works from throughout the university. As ORU's online institutional repository, its global reach will soon have delivered over 300,000 downloads in over 200 nations. Visit The Digital Showcase at <https://DigitalShowcase.oru.edu>.

### **Stovall Center for Entrepreneurship**

Located in the NEC, the ORU Stovall Center for Entrepreneurship with its contemporary design and advanced technology is an innovative hub for training entrepreneurs through academic and professional programs, industry collaboration, mentoring, and global initiatives. The SC4E's vision is three-fold: to equip entrepreneurial leaders through both theory and active engagement, to positively impact the Tulsa community through local partnerships, and to empower change agents to transform communities all over the world.

## **Technology**

### **Student-Focused Campus Technology**

#### ***Student Wireless Connectivity***

The Information Technology Department has made significant investments in Wi-Fi infrastructure across campus. As a result, ORU now has a cutting-edge wireless network backed by over 1200 access points (Wave 1 and Wave 2). Our network covers every campus building and most common outdoor areas where students tend to frequent throughout the day. In addition, all students with phones capable of Wi-Fi calling will be able to call home across campus without using personal minutes. This wireless calling feature is especially useful for Verizon customers, who will experience receptivity in the Graduate Center (GC) and Learning Resource Center (LRC) thanks to a recently installed Verizon DAS.

#### ***Student Technical Assistance***

Located at the main entrance to the GC and LRC, the Student IT Concierge Information Desk is the primary location for answering a student's technical questions. Incoming students will receive full assistance from the Concierge Desk for the various classroom technologies deployed across campus (e.g., Vision, D2L, Office 365, email configuration, Wi-Fi troubleshooting, Fitbit configuration, etc.). Additionally, the

desk is available to provide basic support and troubleshooting for personal devices such as laptops, cell phones, and tablets. This assistance is available to the student in three ways: by visiting the Concierge Desk, by emailing studenthelpdesk@oru.edu, or by calling 918-495-6321.

### ***Student Residence Halls***

Each dorm room has cable TV support that is provided by Cox Communications. For students who would like to utilize the over 70 channels provided, the student will need to come to Residential Services to check out the following accessories needed (cable box, remote, HDMI cable, etc.) to connect his or her personal TV to the cable. For those choosing to use services such as Netflix or Prime Video, each room also has wireless and wired internet access capability.

### **General Academic Classroom Environments**

#### ***Academic Computer Lab***

The Academic Computer Lab on GC2 is a general purpose lab which is available to all students regardless of major choice. The lab contains three rooms (GC 2A02, GC 2A03, and GC 2A04) which have two primary uses. During the day, they are used for scheduled classes. Outside of class times, however, they are open for student use from early in the morning until late at night throughout the week. These labs leverage VMware's Virtual Desktop Infrastructure (VDI) to provide students with multiple classroom pools depending upon the major of choice. Additionally, the labs have printing, scanning, and overhead projector capabilities available for student projects

#### ***NEC Labs***

The NEC Collaborative Labs on NEC 2 are a technology purposed lab which are available to all students regardless of major choice. The lab contains two rooms (NEC 230 and 230A) and leverage 36 Dell PCs with 12 - 27" Canvas

#### ***Eli Center***

The Eli Center computer lab is available to students who are NCAA athletes. This room has eighteen stations with full printing capabilities, as well as study areas open throughout the day. Only athletes can use this lab.

#### ***Library Instruction Lab***

The Library Instruction Lab (LIL) is located on the 4th floor of the LRC, and is primarily used to teach students how to research effectively throughout their four years at ORU. There are thirty VDI terminals available, and each has full printing

capabilities. Research classes are taught throughout the semester to all students via a Symposium.

### ***Library Information Commons***

The Library Information Commons (LINC), located on the 4th floor of the LRC, contains much of the technology that aspiring researchers need to be successful at ORU. There are a total of thirty-nine computer stations available for both homework and studying, as well as two networked Canon printer-scanner-copiers, a third wireless printer for printing from either the cloud or wireless devices; and, for those who desire digital copies of their research, a book scanner. Finally, students have convenient access to a Virtual Reality Activity Station and a Digital Sandbox, including a 3D printer. Those needing one-on-one instruction will find it at the One-Stop Desk, which has a widescreen HP Envy desktop.

### ***Armand Hammer Student Center***

The Armand Hammer Student Center is the center of student life on campus. It houses the Student Association, a dining facility, and a coffee shop. While the building is primarily used for all students to unwind after a long day of classes and studying, it also has five VDI clients with printing capabilities available for student use. Additionally, on the second floor, there is a terminal dedicated for alumni use during the year.

### ***Student Lounge***

The student lounge is a quiet place for students to hang out and study. It has four VDI clients available for use and located on the lower floor of the Hamill Student Center adjacent to Chick-fil-A.

### ***Global Learning Center***

Oral Roberts University offers our students' access to a cutting-edge **Global Learning Center (GLC)**. The GLC is a multimillion dollar facility designed to allow students and faculty to communicate in real-time around the world regardless of time zone. The GLC has several globally connected, high tech labs available for student use, such as:

The **Global Presence classrooms** – six in total – contain state-of-the-art video conference capabilities that allow around the clock global telecommunication. These classrooms allow for real-time collaboration and curriculum recording with the push of a button. As such, each room contains a wide array of custom designed monitors and video recording cameras.

The **Augmented and Virtual Reality Lab** is equipped with twenty-two custom-made workstations that are designed to run

proprietary EON Reality software. In addition to the workstations, there are various tools available for student use, such as a 3D Scanner, a 3D printer, a 3D projector, and an Xbox Kinect.

The **Augmented and Virtual Reality (AVR) Showroom** is indeed a game changer for the university, and it contains several unique pieces of 3D technology. First, there is an interactive augmented reality mirror complete with full gesture controls that allow a student to see how components work with each other in real-time. Second, it has an EON iCatcher 3D, which is a stereoscopic display that utilizes DLP projectors and Nvidia stereo technology to create an advanced photo-realistic, fully interactive 3D environment. Third, students have access to a PC-based, multi-sided virtual reality environment with immersive sound and wall imagery via an EON iCube, which allows a student to become totally immersed in whatever project he or she is working on. Fourth, there is an EON iDesk device - a completely interactive Virtual Reality desktop solution – which allows a user to create complex 3D CAD models. Fifth, STEM users will enjoy a zSpace tabletop display which allows interaction with various virtual objects in a risk-free environment. Finally, the room has an HTC Vive, which is a fully immersive VR system that enables the student to learn how to create his or her own custom VR experience.

### **Specialized Academic Classroom Environments**

#### ***College of Arts and Cultural Studies***

The **ORU Cultural Center** is located on the second the floor of the LRC (LR 232C) and contains resources to help students succeed in their language learning process. It is staffed by several language tutors, each proficient in one of the languages taught at ORU. The tutors not only help reinforce the content students are learning in the classroom, such as grammar and vocabulary, but also provide opportunities for target language practice. The Cultural Center offers several tools to help the prospective language learner. First, there are language-related reference materials, children's books, magazines, DVDs, and audio CDs, which acquaint students with other cultures as well as teach various aspects of language. Second, the lab contains study areas and a "TV corner" where students can watch foreign language movies. Third, there are eight computers available where students can learn interactively at their own pace via internationally recognized software

programs (e.g., Rosetta Stone®) and websites (e.g., Duolingo®, Mango Languages®, etc.). Finally, the ORU Cultural Center provides students with the tools necessary to learn languages which are not currently taught at ORU, such as Farsi, Hindi, Italian, Japanese, Korean, Brazilian Portuguese, Russian, and Swahili.

The **ORU Music Production Area**, located in the northern end of the Timko-Barton Music Building, allows music students to work with state-of-the-art, industry-standard hardware and equipment. For example, students have access to Pro Tools, Logic, and Reason via Apple computers. Likewise, students will learn how to use MIDAS digital mixers, MIDI controllers, and various support peripherals. Additionally, the Music Production facility includes a lecture lab, a multi-stationed MIDAS-based live audio mixing lab, and two recording studios. Finally, it has a large studio with a Green Room attached to a performance and rehearsal space where students and local artists can capture their live music performances.

The **Mac Lab**, located in LRC 105 B, is equipped with a large selection of 27" iMacs preloaded with the Adobe Creative Cloud applications. Students will primarily use the lab during Digital Photography, Video Production Editing, and Multimedia classes. This lab is an ideal learning environment for attending these classes for two reasons. First, the students can mimic the instruction steps given by the professor via overhead projector on their workstations in real-time. Second, the room is configured so that the professor can observe every individual computer screen and give immediate feedback to the students as they work on their projects.

The **Editing Lab**, located in the LRC room 125B, is designed to allow all communications and media majors the ability to quickly and accurately edit their class projects. Students have access to 27" iMacs loaded with both the Adobe Creative Cloud suite and other industry-standard programs such as Movie Magic Scheduling & Budgeting software. Additionally, the room has studio speakers for audio mixing and USB microphones available for basic voice-overs. Lastly, there are large monitors for those students who prefer more landscape while working on their projects.

The **Postproduction Edit Suite**, located in the LRC room 126B, is a state-of-the-art setting designed to bring projects to the highest professional quality. For best color correction capabilities, the suite is a chromatically controlled environment that offers DaVinci Resolve Studio software, the

Adobe Creative Cloud applications, a powerful Mac Pro, and a broadcast quality monitor. The space is also equipped with surround sound, making it ideal to mix and audio sweet projects. The Finishing Suite provides advanced students an environment where they can get a realistic feel for what their films or projects will look and sound like when projected on the big screen or played in a large room setting.

The **Audio Suite**, located in the LRC room TV11, is a cutting-edge audio post-production finishing environment. Connected to the Foley Studio and Voice-Over Booth, the Audio Suite provides an ideal soundproof recording location for ADR (Automated Dialogue Replacement), Foley, sound effects, voice-overs, narration, and music scores. Once all the audio production elements are recorded, advanced students can finish off their film soundtrack in this suite equipped with a Mac Pro, broadcast monitors, surround sound speakers, Pro-Tools Software, DaVinci Resolve's Fairlight audio, and the Adobe Creative Cloud applications. As such, the Audio Suite gives students the tools and space to create and finish the audio components of their films or projects.

The **TV Studio**, located in the LRC room TV8, has a 3,000-square foot broadcast-quality television production studio housing a permanent TV news and interview set, a large area for interchangeable sets, and a green screen. The Broadcast HD cameras are equipped with Vinten Tripod Pedestals, teleprompters, and a boom camera. The control room is set up like a traditional TV station with areas for the director, the producer, the graphics operators, the video engineer, and the audio operator. The studio has a fully stocked lighting grid and a lighting control board. For these reasons, the classes held in the TV studio allow students to gain professional experience in the creative and technical operations of both a TV station studio and the overall studio TV production.

**KORU**, located in the LRC rooms TV3 and TV4, is a student-managed and student-run internet broadcast radio station that focuses on evangelism, clean entertainment, training in broadcast, alumni connection, and student recruitment. The station broadcasts both popular Christian music and student-driven special programming – a part of the convergence journalism curriculum – twenty-four hours a day and seven days a week. Additionally, the station offers bilingual programming in both English and Spanish via two separate broadcast stations. KORU hires a variety of staff positions, which are open to any

current ORU student. Those employed by KORU may be eligible for both class credit and management scholarships.

The **Media Equipment Office**, located in the LRC room 126A, houses all of the professional camera, sound, and lighting equipment that students can check out to use on their class projects. With this loaner equipment, students can produce professional level videos and films in their free time.

**Studio 3** is our film set studio located in LRC 131. The sets were built to accommodate locations that were hard for students to acquire for their student films. The studio is outfitted with a Living/Family Room set, Jail Cell and Interrogation Room, and a Restaurant/Kitchen set. Students can reserve Studio 3 to work on their various film projects. Reservations can be made through the Media Equipment Office at 918-495-6271.

The ORU Institute for Design, Experience, and Art (ORU-IDEA) in the School of Liberal Arts maintains the **Douglas Latta Computer Lab**, located in GC 2B10, which supplements the technology requirements for students majoring in art education, graphic design, and studio art. All courses utilize the lab's supplemental instructional tools, including drawing tablets, video cameras, digital still cameras and lenses, an audio-video projection system, a color laser printer, and a large format color printer. Additional adjacent spaces house multiple Computer Numerical Control (CNC) machines, 3D printers, and laser and vinyl cutters.

### ***College of Business***

With its recent expansion on the third floor of the GC, the College of Business and the Fenimore Fisher Graduate School of Business are creating many reconfigurable rooms that allow for a variety of uses to enhance student learning and real-world business experience. In addition to these flexible, multi-purpose rooms, the College is continuing to design new rooms and improve existing rooms with specific tools and equipment for focused learning.

The **ONEOK Executive Boardroom**, called "**The Shark Tank**," is a high-tech, executive-style boardroom that serves as a teaching laboratory. The room has over \$500K worth of sophisticated electronic equipment, including embedded cameras and microphones with voice tracking technology. Recognizing the rapid pace of technological advancement, this room was recently upgraded with state-of-the-art technology to stay current with changes in industry. There is a fully networked boardroom table with a SmartBoard as one

of the six large-screen televisions available for presentations. A Crestron Pad controls use of the doors and windows offering the ability to “fog” or “unfog” at the push of a button. In total, the marble table, leather chairs and the advanced technological tools, provide students with the opportunity to experience a plush setting that closely resembles boardrooms in the business world.

The new **Capital Marketing Trading Floor**, the flagship classroom of the Fenimore Fisher Graduate School of Business, will give Graduate Finance students an opportunity to work in a state-of-the-art trading environment. With dual monitor screens at each workstation and access to market data, this room will have the premier tools used in industry for developing real-world skills in equity research and stock trading. From this trading floor, students will have the opportunity to make stock decisions for ORU’s Student Managed Investment Fund. An adjoining high-tech conference room will allow students to present and deliberate on investment alternatives before finalizing investment decisions.

The **Collaborative Learning Lab** offers a flexible, active learning environment for students in the College of Business. This lab contains interactive learning pods with shared monitors where each pod allows business students to wirelessly share and collaborate content via a laptop or mobile device. This content can be viewed by the instructor, either privately or publicly for class discussion, via a Smartboard monitor at the front of the classroom.

Additional rooms designed with cutting edge tools for academic specialties within the College of Business include an Accounting Lab and Analytics Lab. The **Accounting Lab** is used for Accounting classes and for a student-mentored environment where Accounting majors receive assistance on assignments. One of the most recently designed labs in the College of Business is the **Analytics Lab**. In response to one of the fastest-growing fields in industry, the Analytics Lab will provide a quantitative learning environment for undergraduate Marketing students pursuing a Marketing Analytics Specialization or graduate MBA students pursuing a Data Science Concentration. The **Presentation Room** will give business students from any major an opportunity to develop and hone public speaking skills in a presentation space for TED-talk type pitches. A series of **Student Project Rooms** are targeted to enhance group study and productivity. These rooms will

allow student-based teams to work on group projects, aided by collaborative technology.

### **College of Education**

#### **The College of Education**

**Technology Center (ETC)**, located on the fifth floor of the GC, is a multi-use area for presentations, collaborative work, and individual projects. Providing access to instructional hardware and software and staffed by experienced faculty, the ETC prepares teacher candidates for the effective use of technology in the classroom and online.

### **College of Health Sciences**

#### **Anna Vaughn School of Nursing**

The **Nursing Sim Lab**, located in rooms 255 A, B, & C, a high-tech simulation lab designed to provide students a hands-on experience before they work on actual patients in a clinical environment. It is composed of four separate rooms – two hospital rooms, a control room, and an instruction room – where nursing students can develop critical thinking and clinical reasoning skills in a non-threatening learning environment. The two hospital rooms contain all the equipment (e.g., a gurney, crash cart, IV pumps, etc.) that a future nurse might find in an actual operating room. Additionally, each hospital room contains a life-like human simulator upon which nursing students can perform procedures such as starting IVs, defibrillation treatments, and taking a pulse. Each simulation man, or sim man, is designed to act as any normal patient would. For instance, they can mimic emergency situations like having an asthma attack or going into cardiac arrest. Each simulation is monitored and recorded in the control room, where the nursing faculty can instruct the students in real-time. Finally, there is an instruction room available which is composed of a smart board, computers, a pharmaceutical cabinet, gurney, and another sim man. In this room, students will be able to watch previous procedures performed in the hospital room while instructors critique them. These four rooms will prepare students to enter the clinical world equipped to face any situation that they may encounter.

### **College of Science and Engineering**

Built in 2017, the **Computer Information Technology and Innovation Lab (CITILab)** provides a modern, engaging environment where students explore the computing and information technology sciences. Designed around a theme of “Dream, Discover, and Do” the lab provides a collaborative area for analyzing problems

and generating solutions, a modern learning area for instruction, and a computer lab environment for hands on implementation of proposed solutions. Inside the CITILab, students will also find the CITIRack, which holds enterprise-level computing equipment that students can use to build skills relevant to today’s computing architectures and also contains augmented and virtual reality systems to explore the next wave of immersive computing technologies.

There are two **Engineering Computer Labs**, located in rooms NEC 210 and NEC 215, are dedicated to general engineering and physics classroom instruction. Between the two rooms, there are fifty stations that engineering students can to work with popular engineering software packages including Solidworks, Ansys, and Matlab.

The **Experimental Psychology Lab** offers many learning options that allow students from the Behavioral Sciences Department to engage in modern academic research, assessment, and behavioral measurement. The lab reserves several computers for “Sniffy the Virtual Rat,” providing a computerized simulation of rat behavior based on thousands of hours of laboratory research in classical and operant conditioning and provides students an affordable and humane way to engage in animal-based laboratory experiences to complement their theoretical studies and course work. The lab also offers additional computers with the “Insight” software loaded to perform experiments and learn in sensation, perception, illusions, form, motion, contrast, depth, and after-effects. The multiple “Biopak” units provide research opportunities in human physiology with direct probe testing of willing human subjects. The lab also provides an inviting space for interdepartmental meetings around collaborative research.

The **3D Fabrication and Visualization Lab**, located in the NEC 202, is designed to allow an engineering student to fabricate working models of his or her creations before final production. The classroom has two Sharp 90” 3D televisions, four student access computers, and four 3D printers.

The **High Performance Computing (HPC) Center** Lab hosts Titan, a 45-TeraFLOP (45 trillion math operations per second) super-computer with more than 75TB of data storage capacity. Through virtual access, Titan is accessible from anywhere on ORU’s campus. Titan’s primary mission is to support significant computational tasks in support of advanced research, where any given job may need many cores or to run for extended periods,

as much as 30 days. Titan's forecasted utilization for 2019 includes applications: computational fluid dynamics, computational chemistry, bioinformatics, genomics, weather prediction, seismic processing, autonomous vehicle coordination for safety, deep learning/artificial intelligence, computations for complex materials based on quantum theory, and more. Titan provides ORU researchers and their partners a capability that otherwise may be improbable, if not impossible, to access elsewhere in a timely manner.

There are nine **general engineering labs** located in the NEC, provide space for instruction, special projects, and research. The hours of these labs vary by location and student needs. Between all nine rooms, there are thirty-seven computer stations available for student use.

The **Mathematics Learning Resource Center (MLRC)** offers tutoring for mathematics and computing classes. The MLRC partners with Student Success and Retention to increase ORU graduation rates and helps students successfully complete the mathematics and/or computing requirements of their chosen degree plans by:

- Providing students with opportunities to meet with qualified, nationally certified tutors in a supportive and encouraging learning environment
- Providing diagnostic tools to help identify the gaps in students' previous mathematical knowledge as well as adaptive learning experiences to bridge those gaps
- Maintaining an inviting study-space where students can connect with each other and with academic resources

The **Kenneth Cooper Aerobics Center (AC)** is the epicenter for activities that facilitate the original vision of the body in founder Oral Roberts' vision and mission of the Whole Man of Body, Mind, and Spirit. The Aerobics Center houses classrooms and lab spaces that provide learning for both general education students and the Health Exercise Science and Sports Management majors. The AC offers a plethora of cardio and weight equipment along with a second story running track and an Olympic-size swimming pool. The indoor track accommodates the Health Fitness lab classes and is used for class field testing. The swimming pool is used for aquatic exercise classes and swimming proficiencies. The new Bernis Duke Tennis Center boasts six tennis courts and a state-of-the-art scoreboard. The Health, Leisure,

and Sport Science Department uses this facility for all of its tennis courses.

### **College of Theology and Ministry**

**Scholars Initiative Lab:** The ORU Theology Department is proud to offer students the opportunity for advanced studies in ancient manuscript textual issues through the Scholars Initiative program. In fact, ORU is one of thirty-six universities worldwide that have access to ultra-high resolution images of textual documents made available through the Museum of the Bible. The lab, rooms 408G and 408H, contains a computer with Accordance Bible Software installed, a selection of modern Christian commentaries, and a bound facsimile of Codex Sinaiticus – one of the oldest complete Bibles dating from the 300s.

The **Howard M. Ervin Preaching Lab**, located in the GC room 4A43, is designed to mimic the preaching experience in a small chapel. The theology student will have access to a podium, a music keyboard, a communion table, and audio recording equipment. Additionally, the room provides access to video recording equipment if the student wishes.

## **Student Support Services**

### **Tutoring Resources**

Tutoring Resources are available to students in multiple academic areas.

- Foreign Language Lab and Cultural Center – LRC 232B
- Writing Center – Library 5th floor
- Math Learning Resource Center – BRC 1823
- Chemistry Tutoring Center – LRC 180
- Biology Tutoring Center – GC 1B10 A & B
- Physics – <http://accudemia.oru.edu>
- Accounting Lab – Contact dept. Admin Asst.
- Grammarly – [www.grammarly.com/edu/signup](http://www.grammarly.com/edu/signup)
- Student Tech Help – [studenthelpdesk@oru.edu](mailto:studenthelpdesk@oru.edu)
- Office of Student Success – <http://accudemia.oru.edu> to sign up for assistance

For more information contact [tutors@oru.edu](mailto:tutors@oru.edu).

### **University Bookstore**

The University Bookstore is located on the third floor of the Learning Resources Center. Fulltime Undergrad students are automatically part of a program called Follett ACCESS which provides all your required course materials as a flat fee, charged to your student account. This program saves the student money and

increases their success by ensuring all students are prepared for courses on the first day of class. Once your registration is completed, stop by the bookstore with your student ID and pick up your materials. Part time and Graduate students do not participate in this program. Shop our online bookstore at [www.orustore.com](http://www.orustore.com) Give us a call to learn more at (918) 495-6566.

### **Military Student Services**

Our Military Liaison, Lieutenant Colonel (Retired) Will Beck, serves as an integral point of contact for our incoming first-term student veterans. One of his primary purposes is to shepherd the flock of student veterans, both on-campus and online. This includes meeting the veteran wherever he or she is on their path, providing support, and ensuring awareness of pertinent resources. He is also always up to meet for a cup of coffee and simply visit with you! He can be reached in his office in the NEC building Room 276, by email at [wbeck@oru.edu](mailto:wbeck@oru.edu), or by phone at 918-495-6971.

Oral Roberts University (ORU) is committed to providing a safe learning and working environment for all of our student veterans in which all are treated with courtesy, respect and dignity. This includes complaints regarding a general concern regarding your educational benefits, feelings of discrimination based on your veteran status, or any other concern related to your veteran status.

Examples of student veteran complaints could be: credits did not transfer after being promised they would; the lack of job opportunities after being promised by recruiters they would have those opportunities; financial issues, especially the tuition being higher than they were promised; quality of education; recruiting practices; and student loans they didn't expect.

Complaints can be sent to our Military Advisor at [wbeck@oru.edu](mailto:wbeck@oru.edu) or uploaded on the "complaint" section of ORU's Military Experience Page.

### **Iannelli Memorial Veterans' Lounge**

The Iannelli Memorial Veterans' Lounge is located on the second floor of the Learning Resources Center. Capt. Ryan Iannelli, a 2006 ORU graduate and baseball player during his time at ORU, served as a Marine Super Cobra pilot with Marine Light Attack Helicopter Squadron 269. On Sept. 28, 2011, he was killed during a combat operation while flying his helicopter in Afghanistan. A plaque in honor of his service to our country and his time at ORU

hangs in the lounge, which provides a place for veterans to relax and study.

### **Copy Services**

ORU Copy Services has experienced staff ready to help students and faculty with their copying needs. They are able to print professional documents such as class assignments, brochures, flyers, resumes, reports, senior papers, theses, and dissertations as well as personal items like photos, invitations, greeting cards, and personal business cards. Copy Services is located on the second floor of the Graduate Center (GC) and may be reached at (918) 495-6854 or (918) 495-6847. Credit/Debit, cash, checks, and Eagle Bucks accepted.

### **Dining**

Several on-campus eating facilities provide a variety of food options. The student **Resident Dining** is the main cafeteria, serving a full range of meals, and is housed in the Hamill Center. Also, in the Hamill Center basement are **Chick-fil-A®** and **Freshëns Smoothies**. **The Deli**, which serves made-to-order sandwiches and wraps as well as hot meals, soups, and salads, is located on the main floor of the Graduate Center. On the main floor of the LRC are **Green Cuisine**, which serves healthful snacks and light meals, **Freshëns Smoothies**, and **Hava Java**, which serves a variety of hot and cold drinks and pastries throughout the day. **Moe's Southwest Grill** and **Jazzman's® Café and Bakery** are housed in the Armand Hammer Alumni-Student Center, **Uttermost Grounds** in the Nursing and Engineering Complex, features Starbucks Proudly Brew coffee, assorted pastries, cold sandwiches and salads. Our newest addition to Campus Dining is Simply to Go, located in the Hamill Center, features items that are fast and healthy.

### **Campus Post Office (CPO)**

The campus post office is located on the ground floor of EMR residential hall. All residential students are assigned combination-locked post office boxes in which they receive their mail. The CPO is open Monday through Friday from 8:00 am to 5:00 pm. During breaks, CPO will close at 4:30 pm.

### **Student Success**

The Office of Student Success works to support and encourage students from their first steps on campus to achieving their goal of degree completion. We not only partner with students to ensure their academic success, but we also help create solutions that allow students to thrive in the ORU community and remain on campus.

We realize that learning takes place both inside and outside the classroom every day and reflection is an essential part of learning and growing as a leader. That's why we have assigned a personal Student Success Coach to each incoming student. Our coaches provide students with a space for connection, support, helpful resources, mentorship, and strategy. An additional resource is the Peer Success Program, which offer peer-level support to all new Golden Eagles as they navigate their first year at ORU, both in the classroom and in da-to-day life.

Our doors are open to all undergraduate students and our incredible success coaches are here to help! Success coaches provide students a safe place to discuss goals, receive accountability, solve problems, and get connected with many available resources on the ORU campus.

We are located on the 3rd floor of the Graduate Center (GC) to the left of the GC 3 elevators.

### **Office of Student Support Services**

The Office of Student Support Services is located on the 5th floor of the Learning Resources Center next to The Writing Center. 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. Student Support Services 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:

- Extended testing time
- Distraction reduced testing rooms
- Extended deadlines on assignments and projects
- Flexibility in attendance for disability related absences
- Adapted HPE courses
- Consulting on disability issues
- Access services
- Additional accommodations (as deemed reasonable)

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

Students who wish to access services should contact Student Support Services. 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) 495-6689 or [disabilityservices@oru.edu](mailto:disabilityservices@oru.edu).

### **Student Counseling Services**

The ORU Student Counseling Services, located on the 2nd floor of the NEC (Office 250), 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. This on-campus service is confidential and covered under the student support services fee.

### **Eagle Card Center**

The Eagle Card Center is located on the third floor of the Learning Resources Center. Every student must bring a valid, government-issued photo ID to receive an Eagle Card. Their card gives access to dining services, library check-out, athletic events and the Aerobics Center. It also serves as payment for our prepaid spending program, "Eagle Bucks." Students can use their Eagle Card to shop around campus and at several off campus merchants. More information is available at [oru.edu/eaglecard](http://oru.edu/eaglecard) or by calling (918) 495-7256.

### **Student Health Services**

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 11:30 a.m. and 12:30 p.m. – 4:30 p.m. A full-time registered nurse is on duty to administer care for moderate illnesses and injuries. Various over-the-counter medications are also available to students. Student Health Services oversees Medical Assessment forms and immunization records which are required for most incoming students. Student Health Services phone number is (918) 495-6341.

To facilitate the physical development of students, ORU provides services through the departments of Health, Leisure and Sport Science (HLSS); 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 HLSS department is housed in the Kenneth H. Cooper Aerobics Center, an innovative physical fitness center that includes a human performance laboratory.

## **Career Services**

The Career Services Center, located on LRC 3, provides students and alumni with the occupational resources, networking opportunities, and individualized career counseling required to prepare for successful career transitions. The following services are provided:

### **Strengths-based Assessment.**

Comprehensive assessment instruments are available to assist students with the process of self-evaluation in selecting academic majors and developing career strategies that correlate with their talents, skills, and interests.

On-campus interviewing and recruitment. During the fall and spring semesters, organizations from across the country conduct on-campus interviews and participate in various events designed to connect students with those potential employers. The calendar of such on-campus events is posted on the Career Services website: <http://hireorugrads.com>.

Job Postings. Current listings of worldwide employment opportunities and internships from every sector of industry are maintained online with Career Services through Handshake (<http://www.joinhandshake.com>). Students are encouraged to utilize this resource when seeking either temporary or permanent positions.

Handshake. Career Services maintains a fully integrated online database linked to the Career Services' web site at <http://www.oru.joinhandshake.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 for potential opportunities. All on-campus employment, internships, 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. Guidance and counseling in preparing for the application process are also available. More information is available on the Career Services' web site at <http://www.hireorugrads.com>.

## **Department of Public Safety & Security**

The Department of Public Safety & Security's mission is to provide a safe environment for the campus community. All armed officers are trained and licensed by CLEET (Council on Law Enforcement Education and Training) which is the agency that trains and certifies all peace officers in the State of Oklahoma. DPS&S also employs a Campus Fire Marshal who helps to ensure all fire alarm systems, smoke detectors, and fire extinguishers are inspected routinely and are in good working order. The department has a technician that maintains all campus video surveillance systems, controlled access devices (such as gates and doors), and alarm systems. DPS&S provides security for the ORU community 24 hours a day, 365 days a year. Officers are usually the first responders in emergency situations on campus, including medical emergencies, and have been trained in Basic First Aid, CPR, AED, and Basic Trauma Injury Treatments. The Department maintains a Dispatch Call Center that can be reached anytime day or night at (918) 495-7750. The offices are located on the ground floor of the Hamill Building, directly below the cafeteria. The email address is [security@oru.edu](mailto:security@oru.edu).

In compliance with the Jeanne Clery Disclosure of Campus Security Policy and Campus Crime Statistics Act, DPS&S submits an Annual Security Report for the U.S. Department of Education. This report includes campus crime statistics and can be found on our website at <http://dpss.oru.edu>. DPS&S maintains a daily activity log, and along with IT, administers an E-Alert system. Students, Faculty and Staff can subscribe, free of charge, to receive emergency notifications by phone, email and text messages in situations that require immediate communication (ex. Tornado, fire, active shooter on campus). Anyone can sign up to receive E-Alerts on our website listed above.

# **Admission Information- Undergraduate**

## **Admission Requirements**

Candidates demonstrating strong academic ability, Christian commitment through signing the Honor Code upon the point of application for admission, and a desire to pursue their 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 refer to the online and lifelong learning section of this catalog for admissions requirements unique to the online programs.

## **First-Time Freshman 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.
- A composite ACT score of at least 20 or an SAT score of at least 1030 or higher (math and evidence-based reading and writing sections combined.) For the 2021-2022 academic year, ACT or SAT test scores remain optional.

## **Probationary and P.A.V.E. 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 P.A.V.E. (Program for Academic Vision and Empowerment) 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 P.A.V.E. 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 year. P.A.V.E. students must attend P.A.V.E. study hall at least 2 hours per week.

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.

## **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 applicants with a minimum 2.00 cumulative/combined GPA for all colleges and universities attended are considered for full acceptance. The P.A.V.E. Program is not available to transfer students.

### **International Applicants**

An international applicant is defined as any student applying to ORU who holds a visa allowing study, and is not a U.S. citizen, permanent resident, or asylee. 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:

English proficiency is required for students whose first language is not English. This proficiency can be met with an acceptable TOEFL or IELTS score. A minimum TOEFL (Test of English as a Foreign Language) score of 500 (173-computer-based or 61 Internet-based). A minimum IELTS (International English Language Testing System) score of 6.0 on the Academic Module.

A financial guarantee, affidavit of support and bank statements verifying ability to pay.

A photocopy of the name page of the applicant's passport. If the applicant does not yet have a passport, the applicant must include the name as it appears on the applicant's national identity card or birth certificate.

All alternate names and variations of the applicant's names need to be on the

applicant's application to ORU. It is extremely important that all correspondence, forms, transcripts, etc., use the same name and spelling. Materials cannot be often matched when spelling or use of the name is inconsistent.

### **Dual Enrollment Applicants**

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

The student must be a high school junior or senior having a minimum of a 3.00 GPA on a four-point scale.

The student must complete the Dual Enrollment Application and submit it along with the approval of a high school official and parent to the Admissions Office at least two weeks before the beginning of the term.

Concurrent students may enroll in up to seven pre-approved hours per semester. Students completing a semester with minimum ORU GPA of 2.50 are eligible to continue enrollment as a concurrent student.

High school students, from freshmen to seniors, may with the approval of a high school official and parent, take online courses offered through the Advantage Program. Students may take up to nine credit hours per semester.

A total of 30 semester credit hours can be taken through a combination of Concurrent and Advantage courses. Certain states may have limitations on the number of college credit hours that can be earned while still in high school. Check your state's Department of Education policies for further information. Dual enrollment courses for both concurrent and Advantage programs is permitted but cannot exceed 10 credit hours per semester within combination of the two programs. Summer school dual enrollment is not permitted.

### **Non-Degree Seeking Applicants**

Non degree seeking 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 non-degree seeking students does not count toward a degree unless such students justify regular standing by completing all admission procedures. Financial Aid is not available for students with non-degree status.

Students who are admitted as non-degree seeking in full time hours, either online or residential, are able to be evaluated for degree seeking status

following successful completion of their non-remedial coursework at a cumulative GPA of 2.5 or higher.

### **Applicants for Readmission**

Students who have experienced a break in enrollment of at least one fall or spring semester must submit an Application 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 Admissions Committee.

### **Applications**

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

- Application (available online)
- Secondary School Record
- Applicants must have a high school diploma or the equivalent. Most applicants follow a 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 information and/or proof of high school equivalency.

- Entrance Examination
- Scholastic Aptitude Test (SAT) or the American College Test (ACT) are optional submission for applicants for the 2021-2022 academic year. Information about these tests are available from high schools or directly from the testing organization.

### **SAT**

College Entrance Examination Board  
Box 592  
Princeton, NJ 08540  
<http://www.collegeboard.com>

**ACT**

American College Testing Program  
P.O. Box 414  
Iowa City, Iowa 52243  
<http://www.act.org>

English proficiency is required for students whose first language is not English and/or for students who have studied at a primary institution where the language of the institution was not English. One of the following is required:

**TOEFL**

Test of English as a Foreign Language  
<http://www.ets.org/toefl>

**IELTS**

International English Language  
Testing Service  
<http://www.ielts.org>

**IELTS**

International English Language  
Testing Service  
<http://www.ieltsusa.org/univ>

**Health History and Immunizations**

- A health assessment form is provided to each student and should be returned by August 31. 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 and health assessment form must be on file with Student Health Services prior to August 1.  
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 Fee
- When admission is granted, a non-transferable enrollment fee of \$250 is required to secure scholarship/grant offers and the student's place in the upcoming class. The enrollment fee should be paid no later than May 1 (for fall semester) or by November 1 (for spring semester). Enrollment fees received after this date are non-refundable and non-transferable.

**Deficiencies**

Those students admitted to the university with deficiencies, as determined by the Admissions Committee or placement

exam, may satisfy the deficiencies by taking appropriate courses.

Students matriculating at ORU are generally required to meet ORU's entrance and degree requirements in foreign language. However, those who are proficient in a language other than English, who were raised abroad and completed at least two years of high school in a foreign language, meet the entrance and degree foreign language requirements.

**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
  - Regular Decision —February 15
- For spring enrollment
  - Early Action —October 1
  - Regular Decision – November 15

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

Students submitting applications received on or after February 15 (for fall enrollment) and November 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, determines placement and amount of credit awarded.

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

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

**Advanced Placement Program**

P.O. Box 6671  
Princeton, NJ 08541-6671

**CLEP**

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

***ORU Placement Examinations***

English, mathematics, foreign language, and reading placement tests are required of freshmen with fewer than 15 college credit hours earned after high school graduation. The specific placement tests required of each student may vary depending upon the declared major.

***Language Proficiency for Teacher Certification***

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

## Admission Information - Graduate

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

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

Graduate students who have not enrolled within one calendar year are required to submit an Application for Readmission through the Admissions Office. The Admissions Committee reserves the right to require an Application for Readmission if a student has not enrolled for one semester. Applicants who reapply must be approved by the Admissions Committee and their respective Graduate School. 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:

**Degree Status**—have a baccalaureate degree from a regionally accredited institution or one that is accredited by ABHE.

**Undergraduate Performance**—meet the minimum required grade point average for the graduate program to which they are seeking admittance.

**Entrance Examinations**—have appropriate standardized test scores.

The College of Education and the College of Theology and Ministry require either the Graduate Record Exam (GRE) or the Miller Analogies Test (MAT).

The College of Business may require the GMAT or undergraduate leveling.

English proficiency is required for students whose first language is not English. Proficiency is determined by the applicant's test score of either the Test of English as a Foreign Language (TOEFL) or the International English Language Testing Service (IELTS). More information on times and places for the administration of these tests is available through the Admissions Office.

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. Courses previously applied to an awarded degree are not eligible for transfer credit except by petition.

## 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 Transcripts**—provide an official transcript from each college or university attended.

Non-degree-seeking students in education and business programs must maintain 3.00 grade point averages while in graduate work. Students in theology must maintain a 2.50 grade point average. A maximum of nine graduate hours may be taken with non-degree-seeking status. Students changing from "non-degree-seeking" to "degree-seeking" status must meet all admission criteria.

## Graduate 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. Some colleges permit the fast track program to begin the junior year, per the program requirements listed below. Students remain classified as undergraduate students and may register in a maximum of 6 hours of graduate work per 15-week semester, or 3 hours of graduate work per 7-week online term. 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 are as follows:

- Complete a Fast-Track Program application form available in the college in which the student is interested or the Admissions Office
- Senior standing for the College of Education and the College of Theology and Ministry
- Junior standing for the College of Business and programs within the Online & Lifelong Learning Campus.
- Minimum cumulative grade point average of 3.00.
- Less than a full course load for graduation.

Reference the program specific sections of this catalog for more information.

## Fast Track for Residential Undergraduate Students

When pursuing fast track with a residential graduate program, residential undergraduate students 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 and applicable fees. When pursuing fast track with a master's degree in the Online & Lifelong Learning Campus, in addition to all applicable undergraduate charges, students are also billed the per-credit-hour rate and applicable fees of the online graduate program.

## Fast Track for Online & Lifelong Learning Undergraduate Students

In addition to all applicable undergraduate charges, fast track approved students pursuing undergraduate degrees in the Online & Lifelong Learning Campus are billed the per-credit-hour rate and applicable fees for any graduate courses in which they enroll.

# 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, 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, Fees, and Living Costs

### Tuition

#### Undergraduate

Full-Time Tuition per semester (12.0 - 18.5 hours)

2021-2022.....\$15,150

Additional and Part-Time Tuition per credit hour (over 18.5 or under 12 hours per semester, minimum one credit hour.)

2021-2022.....\$1,260

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

2021-2022.....\$630

Summer School Tuition per credit hour

2021-2022.....\$500

Summer Session 5 Tuition – Internships in BUS, CMD and EML departments per credit hour

2021-2022.....\$410

Online courses offered by the Online & Lifelong Learning campus – Tuition per credit hour

2021-2022.....\$410

### **Graduate**

#### **Graduate Business**

Tuition per graduate credit hour

2021-2022.....\$750

Audit per graduate credit hour

2021-2022.....\$375

Online per credit hour (MBA-L program)

2021-2022.....\$460

#### **Graduate Education**

Tuition per graduate credit hour

2021-2022.....\$560

Audit per graduate credit hour

2021-2022.....\$280

Tuition per doctoral credit hour

2021-2022.....\$770

Audit per doctoral credit hour

2021-2022.....\$385

#### **Graduate Theology and Ministry**

Tuition per graduate credit hour

2021-2022.....\$630

Audit per graduate credit hour

2021-2022.....\$315

Tuition per Doctor of Ministry credit hour

2021-2022.....\$660

Audit per Doctor of Ministry credit hour

2021-2022.....\$330

Tuition per PhD credit hour

2021-2022.....\$700

Audit per PhD credit hour

2021-2022.....\$350

Online per credit hour (MCM program)

2021-2022.....\$460

#### **Master of Arts in Leadership**

Online per credit hour

2021-2022.....\$460

#### **Master of Science in Computer Science**

Residential per credit hour

2021-2022.....\$850

#### **Master of Science in Sport & Leisure Administration**

Online per credit hour

2021-2022.....\$460

Residential per credit hour

2021-2022.....\$725

#### **Master of Science in Nursing**

Online per credit hour

2021-2022.....\$460

### **Doctor of Nursing Practice**

Online per credit hour

2021-2022.....\$460

### **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 applications submitted online.

#### **Course Fees**

For information on course specific fees, reference the Course Description section of the Catalog.

#### **Enrollment Fee**

When admission is granted, a non-transferable enrollment fee of \$250 is required to secure scholarship/grant offers and the student's place in the upcoming class.

#### **General Fees**

General fees cover general student services. Students may request a listing of services supported by the general fee from either student accounts or the registrar's office.

All students pay a \$170 fee per semester for use and maintenance of technology.

All full-time residential bachelors, masters, Ed.S. and Ed.D. Students are charged \$395 per semester.

All online students pay \$199 per seven-week term.

All part-time residential students are charged \$155 per semester.

All D.Min. students are charged the part-time general fee per semester.

#### **Student Support Service Fee**

In fall and spring semesters full-time residential students are charged \$90 for counseling services available to all students. Part-time residential students in fall and spring semesters are charged \$31.25.

#### **Summer School Administrative Fee**

Each student is charged \$20 per residential summer session of enrollment.

Students enrolled in internships offered through the BUS, CMD and EML departments in session five are charged a \$199 administrative fee.

#### **Graduation Application Processing Fee**

A \$50 fee is charged to all students graduating with a bachelor's degree and \$63 for a master's degree and Ed.S. The fee for doctoral students is \$75.

#### **Late Fees**

A late registration fee of \$175 is charged to any returning residential students not completing the registration

process by the close of business on the first Friday of each semester. This process includes enrollment in classes as well as non-academic and financial registration.

#### **Locker Fee**

A fee of \$10 per semester (renewable each fall, spring, and summer) is charged for students' lockers in the Aerobics Center. This fee is for ½ size lockers. Full size lockers are \$20 per semester.

#### **Vehicle Registration**

Any student, commuter or resident, who parks a motor vehicle on campus must register it with the Office of Public Safety and Security. The annual fee is \$100 for automobiles, \$25 for motorcycles, and \$5 for bicycles. Fees are payable at the Office of Student Accounts.

### **Living Costs**

#### **Housing**

##### **Towers (Susie Vinson, Susie North, Frances Cardone, and Michael Cardone)**

Double Rooms.....\$2,075/semester

Private Rooms.....\$2,600/semester

##### **Gabrielle Christian Salem Hall**

1st/2nd Floor Private Rooms

(w/private bath).....\$2,825/semester

1st/2nd Floor Double Rooms

(w/private bath).....\$2,300/semester

3rd Floor Private Rooms.....\$2,600/semester

3rd Floor Double Rooms.....\$2,075/semester

3rd Floor Special Room

(Double w/private bath).....\$2,300/semester

##### **Claudius Roberts and Ellis Melvin Roberts Halls**

Double Rooms.....\$2,075/semester

Private Rooms.....\$2,600/semester

Suites.....\$3,475/semester

##### **Niko Njotorahardjo Hall**

Double Rooms.....\$2,600/semester

Single Rooms.....\$3,125/semester

Apartment Double Bedroom.....\$4,375/semester

Apartment Single Bedroom.....\$4,900/semester

.....\$4,900/semester

#### **Dining**

##### **Flexible Plans which include Sodexo Bucks\***

Flex Eagle (7 meals/week in cafeteria+\$500 Sodexo Bucks/semester).....

.....\$2,350/semester

Flex Gold (10 meals/week in cafeteria+\$350 Sodexo Bucks/semester).....

.....\$2,350/semester

Flex Plus (14 meals/week in cafeteria+\$250 Sodexo Bucks/semester).....

.....\$2,350/semester

Flex One (17 meals/week in cafeteria+\$200 Sodexo Bucks/semester).....

.....\$2,350/semester

\*Sodexo Bucks may be used at other restaurants on campus such as Chick-fil-A, Moe's, Hava Java, the Deli, and other locations.

#### **Basic Meal Plan**

All Access-unlimited access to the ORU Dining Hall continuous dining program in Hamill Student Center.....  
 .....\$2,350/semester  
 Apartment Meal Plan.....  
 .....\$1,050/semester

#### **Insurance**

The University highly recommends that all students carry health insurance. Students can look for options through the Marketplace.

#### **Computer Purchase Plans**

ORU professors expect students to own their own computers and printers. All student computers should have the latest operating systems offered by Microsoft or Apple. 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 specific ORU Academic Departments (contact information available in the Directory portion of the catalog).

### **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.

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 the beginning of each semester in order to attend classes.

Refunds are made only after all amounts owed by the student to the university are fully paid. Direct Deposit or e-refunds are issued twice a week on Tuesdays and Thursdays and students will receive an automated e-mail to their ORU account notifying them that a refund has been processed. Refunds made via check are issued once a week on Thursdays and the student will receive an email once their check has arrived and been processed for release to the student. In the event that a student has been awarded a Parent Plus loan, the Student Accounts Office will mail any refund due to the parent borrower unless there is a Plus authorization on file, which would allow the student to receive the refund. 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 process online, refund of tuition during a fall or spring semester is made according to the following schedule (Please note, the remaining balance after refund will not be less than the charge for one credit hour):

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

Fees are not refundable after the 100% tuition refund deadline. Refunds for university housing and board charges are determined at the same percentage rates as tuition.

Tuition refund schedules for summer and online sessions, as well as those for

Graduate Education Modular and Graduate Theology Blended sessions are posted online.

The tuition refund is calculated from the submission 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.

#### **Full-Time Enrollment Status for Students with Disabilities**

Students needing accommodations based on disabilities and are thus unable to enroll in the required number of semester hours to meet ORU's definition of full-time status may request full-time status. Such an accommodation may affect a student's financial aid, so students need to check with their financial aid counselor for more information. If full-time status is granted, tuition is calculated on a per credit hour basis. The required procedure is as follows:

The student must have self-identified as having a disability and thus unable to enroll in the minimum number of semester hours to meet the ORU definition of full-time status.

The student must submit appropriate documentation of the disability to Disability Services along with a request for a reduced course load prior to the beginning of the semester.

The student must provide Disability Services documentation of academic history (transcripts from ORU and/or previous institutions).

The Director of Disability Services forms a review committee composed of the director, the student's academic dean or designated representative, and any other appropriate designee.

The review committee makes a decision regarding the student's request. If approved, the committee also determines the duration of the full-time status accommodation. All requirements of full-time students apply for students receiving accommodation for full-time status, including but not limited to residential policy, chapel attendance, and HPE requirements.

At the end of the approved duration of the full-time status accommodation, the student must re-apply if he or she believes additional time is needed. The review

committee then reassesses the academic progress of the student to determine whether the accommodation is to be renewed.

Consistent with the Reasonable Accommodation Policy of ORU, the student may appeal the review committee's decision by contacting the Director of Disability Services.

### **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 or their dependents desiring to take advantage of educational benefits must initiate procedures with the Veterans' Administration, which issues the university a Certificate of Eligibility (COE). Official notification of acceptance by the university is needed before a student can begin procedures for receiving these benefits. Veterans or their dependents desiring benefits should contact the Registrar's Office prior to the beginning of the semester or no later than during the first week of classes.

In compliance with the Veterans Benefits and Transition Act of 2018 ORU students using VA Benefits who have provided their COE and are eligible for benefits, will not be penalized in any way for late payments made by the VA.

## **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/financial-assistance> 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 academic

scholarships. A preliminary scholarship calculator is available at <http://www.oru.edu/financial-assistance>. To be considered, students must be admitted to the university and submit test 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 peer success positions. Students interested in these awards need to contact the individual departments for more information.

Students receiving institutional scholarships and grants must maintain continuous enrollment in fall and spring semesters.

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

#### ***Federal Financial Aid***

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

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 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 <http://www.oru.edu/financial-assistance>.

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 Scholarships***

Quest Whole Person Scholarships are awarded to nominated students who have participated in a Quest Whole Person Scholarship event. Amounts of awards vary and are renewed annually contingent upon an individual Whole Person Assessment, G.P.A. and University standing.

Honors Program Scholarships Sixteen Fellows are selected annually to receive scholarships of \$20,000 each academic year. Students must apply for scholarship consideration. Additional information can be found at [www.honors.oru.edu](http://www.honors.oru.edu).

### ***Academic Scholarships***

Academic Scholarships are available to first-time freshmen, transfer students, and readmitted students and are awarded upon acceptance to the University to those who qualify. Award amounts range from \$5,000 to \$13,000 as set by admissions criteria. Renewal varies by level and requires good standing with the University.

### ***Other Scholarships***

Departmental Awards (such as Student Association, Music, 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.

Restricted Scholarship Funds have been donated by friends and partners of the university for ORU students in financial need who meet certain profile criteria. Information and applications for these funds are available at <http://www.oru.edu/financial-assistance>.

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

### ***Grants***

Legacy 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 of 2.50.

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 \$6,195 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 \$1,000 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 December 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 full-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 2.00 for subsequent years. Funds are disbursed at the midpoint of each semester.

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

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**

Direct 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 fixed interest rate deferred as long as the borrower is enrolled at least half-time, while Direct Unsubsidized Stafford Loans accrue interest during attendance. Current interest rates for these programs can be found at

<https://studentaid.gov/sa/types/loans/interest-rates>. 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 (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 until the loan is paid in full. Current interest rates for these programs can be found at <https://studentaid.gov/sa/types/loans/interest-rates>. 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 \$3,000 per academic year. Federal work study opportunities both on and off campus are listed online at ORU Hand Shake.

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

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 ORU Hand Shake.

### **Graduate Financial Aid**

Scholarships and discounts apply to residential and modular graduate program offerings.

### **Premier Scholarships**

#### **Graduate Quest Fellows and Scholarship Program**

Each graduate school offers a Fellowship opportunity as well as scholarships for which prospective and current graduate students who've completed 12 or fewer credit hours may apply. Amounts vary and renewal is based upon GPA and requires good standing with the graduate school and the University.

### **Academic Scholarships**

Academic Scholarships are available to graduate students based on GPA. Award amounts vary and renewal is based upon GPA and requires good standing with the graduate school and the University.

### **Alumni Scholarships**

Alumni Scholarships are available to ORU graduates.

### **Other Scholarships**

Scholarship opportunities include the Graduate Business Champion Scholarship, the Graduate Business Dean's Scholarship, and the Graduate Education Champion Scholarship.

Tuition Discounts are available to active and retired military personnel, as well as those employed in full time ministry at a church or serving full time at a Christian school.

### **Loans**

Direct Federal Stafford Loans are awarded to students on the basis of FAFSA results and exist in unsubsidized form. Current interest rates for this program can be found at <https://studentaid.gov/sa/types/loans/interest-rates>. Repayment begins six months after a borrower ceases to be enrolled at least half-time at an eligible institution.

Federal Direct PLUS Loans for Graduate/ Professional Students (Direct PLUS) is a federally sponsored loan for graduate students. Students may borrow up to the full cost of their education less other aid received, including Direct Stafford Loans. The Direct Loan is a credit-based loan. Current interest rates for this program can be found at <https://studentaid.gov/sa/types/loans/interest-rates>. 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 or have been granted an appeal to continue working to meet the requirements. For each year while a student is in appeal status, their academic scholarship will be reduced by 25%. The Registrar's decision concerning enrollment at ORU is separate from the decision of eligibility for financial aid.

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

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

In addition to these GPA/hour requirements students must complete at least 75% of their hours attempted each academic year and cannot exceed enrollment in credit hours exceeding 150% of their degree program requirements. 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. Students 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 online courses are never considered as more than half-time students for financial aid purposes, even if they are taking more than 12 hours.

Graduate full-time requirements can be found in the Enrollment-Course Load section of the catalog.

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

### Financial Aid Disbursement

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

### Withdrawal

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

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

### Disclosure of Information

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

### Return of Military Tuition Assistance

Military Tuition Assistance (TA) is awarded to a student under the assumption

that the student will attend school for the entire period for which the assistance is awarded. When a student withdraws, the student may no longer be eligible for the full amount of TA funds originally awarded.

To comply with the new Department of Defense policy, Oral Roberts University will return any unearned TA funds on a prorated basis through at least the 60% portion of the period for which the funds were provided. TA funds are earned proportionally during an enrollment period, with unearned funds returned based upon when a student stops attending. These funds are returned to the military Service branch.

Instances when a Service member stops attending due to a military service obligation, the educational institution will work with the affected Service member to identify solutions that will not result in student debt for the returned portion.

### Rates of Return

#### 15-week Course

Withdraw submitted	Return %
Before or during weeks 1-2	100%
During weeks 3-4	90%
During weeks 5-8	50%
During weeks 7-9	25%
During weeks 10-15	0%

#### 8-week Course

Withdraw submitted	Return %
Before or during week 1	100%
During week 2	90%
During weeks 3-4	50%
During week 5	25%
During weeks 6-8	0%

#### 3-week (15 class-days) Summer Course

Withdraw submitted	Return %
Before or during class days 1-2	100%
During class days 3-4	90%
During class days 5-8	50%
During class days 7-9	25%
During class days 10-15	0%

## Academic Information and Policies

### Academic Records

The Office of the Registrar 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 VISION (<http://vision.oru.edu>) 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 contact information changes including telephone number and mailing address. 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 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 Student 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. All undergraduate students are considered independent as it pertains to the confidentiality of their

academic record and FERPA. Parents may obtain non-directory information (grades, GPA, etc.) only after the student has changed their FERPA status to dependent and identified the individual as being authorized to which information can be disclosed. 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 earned semester hours
- Sophomore—27 to 59 earned semester hours
- Junior—60 to 89 earned semester hours
- Senior—90 earned semester hours or more

The standard number of semester hours needed to receive an undergraduate degree is 120; 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 Readmission

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 request must be done through the ePetition system at <http://petitions.oru.edu>.

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 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. However, prior credits earned do not expire.

### **Registration**

Students, with the approval of their academic advisor, 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 and registration must be completed according to the academic calendar.

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 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 in the fall and spring through the ORU Online and Lifelong Learning Department are seven weeks in duration, except for courses offered for some online graduate programs. Online courses offered through one of the university's residential academic departments last the entire semester. A residential student wanting to take an ORU Online or Lifelong Learning course during the fall or spring must request to do so through the ePetition system at <http://petitions.oru.edu>. The request must be approved by the Director of Online and Lifelong Learning, the student's department

chair, financial aid and student accounts 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 India Studies Program** provides both immersion in a local community and broad exposure to a variety of peoples,

places, and customs in India. Students participate in two core courses that give a broad overview of the historical, religious, geographical, and economic landscape of India through the eyes of Indian Christians, and students can take courses in their major areas with Indian students and professors.

##### **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 Israel, helps students understand the history, religions, peoples, and cultures of this fascinating and complex region. As part of the Conflict and Change course, students hear guest speakers and travel to select locations in Israel. Conditions permitting, they will also go to Cairo, Egypt.

##### **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 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. The Institute is also 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. The Institute is also 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 the test-out section of the desired classes before the last day to add classes. The student and department faculty involved then schedule the demonstration.

Students who attempt to receive credit for courses by examination or

demonstration will have the grades posted on their transcripts. Grades of "A," "B," or "C" are posted as earned. The words "test-out" appear as part of the course title on the ORU transcript. Grades of "D" or "F" are posted as "NP" (no pass). Students who do not take the exam or complete the required demonstrations and neglect to drop the course 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 Student Accounts. 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 and meet academic grade-point average standards based on their classification 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**

##### ***Definition of a Credit Hour***

ORU meets or exceeds the following requirements in the federal definition of credit hour:

Federal Credit Hour Definition: A credit hour is an amount of work represented in intended learning outcomes and verified by evidence of student achievement that is an institutionally-established equivalency that reasonably approximates not less than (1) one hour of classroom or direct faculty instruction and a minimum of two hours of out-of-class student work each week for approximately 15 weeks for one semester or trimester hour of credit, or 10 to 12 weeks for one quarter hour of credit, or the equivalent amount of work over a different amount of time; or (2) at least an equivalent amount of work as required in paragraph (1) of this definition for other activities as established by an institution, including laboratory work, internships, practicums, studio work, and other academic work leading toward the award of credit hours.

##### ***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 via the ePetition system at <http://petitions.oru.edu>. Requests must be approved by the student's major department chair, the Director of Online and Lifelong Learning, Financial Aid and Student Accounts. 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 permission of their major department chair and Student

Accounts. Students may not take more than 24 hours in a given semester.

### **Graduate**

The full-time load for master's-level students in the Graduate School of Business, and the Graduate School of Theology and Ministry is nine hours per semester, with the exception of the MBA-L and MCM programs, where six hours is considered full-time.

The full-time load for master's-level students in the Graduate School of Education is six hours per semester.

The full-time load for master's-level students in the History/Humanities/Government department is six hours per semester.

The full-time load for master's-level students in the Health, Leisure, and Sport Sciences department is six hours per semester.

The full-time load for master's-level and Doctor of Nursing Practice students in the Anna Vaughn School of Nursing is six hours per semester.

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

The full-time load for doctoral students in the Graduate School of Theology and Ministry 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.

Students in the dissertation/project phase are required to enroll in a minimum of one credit for the fall, spring, and summer 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.

### **Summer Sessions**

Undergraduate full-time student status during a summer session is defined as being enrolled in a minimum of three credit hours for a three-week session. A student may enroll in a maximum of five credit hours in a three-week summer session. Students may enroll in a maximum of eight hours of online courses during a seven-week session.

A student may enroll in a combination of online courses and residential courses during the summer. 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 who are 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 Office of Student Support Services, along with a request for a reduced course load.
2. The student must provide the Office of Student Support Services with appropriate documentation.
3. The Director of Student Support Services forms a review committee, which may include the director and the student's academic dean or representative.
4. The review committee makes a decision on the student's request. If the accommodation is approved, the committee determines the duration of the program. In addition, all requirements applicable to full-time students as stated in the ORU student handbook apply, including, but not limited to, the residential policy, chapel attendance, and the HPE requirement.
5. At the end of the approved duration, the student may re-apply. The review committee reassesses the student's academic progress to determine if the accommodation will be renewed.

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

### **Adding and Dropping**

Within a 15 to 16-week semester, students may drop or add courses within the first two weeks of classes, provided the total load does not exceed 18.5 hours. Approval from the student's major department chair and Student Accounts is required to enroll in more than 18.5 hours in the fall and spring semester. After the two-week drop/add deadline, students may withdraw from courses until the 13th week. Students withdrawing from a course before the 13th week will have a 'W' recorded. For

sessions shorter than 15-weeks, the drop/add and withdraw deadlines are specified in the Academic Calendar. 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 Provost.

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.

#### **Final Exams**

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 respective department chair or director. 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. All other absences are between the student and professor.

The Office of Student Development does not give administrative excuses for individual absences, such as funeral leave or student illness. For funeral leave, the Office of Student Development follows the policy that absences should be worked out between students and professors. Missing classes because of a funeral for someone other than immediate family members may

be deemed as an unexcused absence by some professors. Student Health Services does not give administrative excuses for absences as a result of illness. This also is a matter between students and professors.

### **Grading System**

Grade points are assigned to each grade: four grade points are awarded for each semester hour of "A," three for "B," two for "C," one for "D," and zero for "F," and "FA." Other grades that may appear on the transcript include "W" (withdrawal), "WM" (withdraw/military), "I" (incomplete), "E" (extension of incomplete), "P" (pass), "NP" (no pass), "AU" (audit), and "M" (missing grade). None of these other grades is used in the computation of the grade point average. A minimum GPA of 2.00 per semester hour must be earned for all undergraduate work and 3.00 for graduate work, except for M.Div. and professional Master of Arts degrees in the Graduate School of Theology and Ministry.

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**

On rare occasions, the grade of "I" may be 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. Good cause typically consists of a catastrophic event in which the student is prevented from completing the course requirements. It is the responsibility of the student to initiate the petition, make up any incomplete work and ask the instructor to submit a grade change to the registrar. If the work is not completed by the end of the subsequent semester, the incomplete will automatically convert to an "F." For graduating seniors, the degree will be awarded in the term that the student completes his or her course work, not the final term of enrollment.

### **Extension of Incompletes**

On rare occasions, the grade of "E" may be 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. Good cause typically consists of a catastrophic event in which the student is prevented from completing the course requirements. It is the responsibility of the student to initiate this process, make up any incomplete work and ask the instructor to submit a grade change to the registrar. If the work is not completed by the end of the second semester following enrollment in the course, the extended incomplete will automatically convert to an "F." For graduating seniors, the degree will be awarded in the term that the student completes his or her course work, not the final term of enrollment.

### **Course Withdrawal**

If a student withdraws from a course in the fall or spring semester after the add/drop date, a "W" is recorded. If the reason for withdrawal is being called for military duty, then the student can request a "WM." To request withdrawal the student must submit a petition to withdraw. All petitions will be accepted prior to the end of the 13th week of a semester-long course or an equivalent period of time for course offerings of differing length. No petitions to withdraw will be accepted following the 13th week of a semester or the equivalent date for course offerings of differing length.

### **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. 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 chair) may enroll as audit without credit in any undergraduate or graduate course, respectively, offered by ORU by the last day to add courses for the semester. Students may request the option of receiving grades by notifying the registrar and obtaining credit for the course. Courses audited without credit will not count toward completion of a degree or load credit. Students are responsible for any tuition incurred as a result of requesting that courses be changed from audit to credit or vice versa. Some restrictions apply to the College of Theology and Ministry.

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**

Thirty 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 120 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 graduation 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 two weeks prior to commencement for

students to participate in commencement exercises.

Students who require more than six hours, including transfer course work and CLEP exams, to complete in the summer must submit a Petition to Participate in Commencement. This process is completed online and requires approval by the student's department chair, college dean and the Dean of Institutional Effectiveness.

The graduation application processing fee is non-refundable for candidates who had planned to graduate in the spring but fail to submit requests to withdraw the application in writing by April 1. Candidates who are completing their course work in the fall must withdraw their application no later than December 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 or they will forfeit their diploma fee and be required to submit a new application.

### **Withdrawal from the University**

A student withdrawing from the university must initiate the process online. The date that the notice is submitted 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.

### ***Special Circumstances Due to Military Deployment***

ORU recognizes the importance of assisting current students who are in the armed services. Students (including students using VA Educational benefits) encountering special circumstances impacting their enrollment with Oral Roberts University may submit a Special Circumstances form to the Office of Student Success and Retention. This document is available online at ORU Registrar Forms. Students may request financial and/or academic relief through this process. If the request is due to unexpected military deployment which interrupts or precludes the completion of course(s), it must be accompanied by military documentation. Requests for academic and financial relief are reviewed by the Office of Student Success and Retention, Financial Aid, Student Accounts and the Registrar's Office on a case-by-case basis. Students are advised of their options, including possible withdrawal from the University and the respective academic and financial results of their decision.

## **Curriculum**

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

### **Degrees**

The university awards doctoral, professional, graduate and undergraduate degrees. Many include certification or licensure, while others prepare students to pursue certification or licensure following graduation. Many ORU majors offer specialized study in areas of concentrations. The minimum number of credits required for an undergraduate degree is 120 semester hours. More information is available in the college and departmental sections of this catalog.

Following periodic review of academic programs, faculty members may choose to close specific majors by teaching out the course of study for currently enrolled students. Students enrolled in teach-out majors may continue in the programs and graduate based on the requirements listed in the catalog for indicated academic year.

### **Undergraduate**

The Bachelor of Arts (B.A.) degree is awarded in Art; Biblical Literature; Christian Caregiving and Counseling; Communication; Dance Performance; English Education; English Literature; French; Global Studies; History; Historical and Philosophical Theology; International Community Development; International Relations; Ministry and Leadership; Music Arts; Political Science; Psychology; Social

Justice; Sociology; Spanish; Theatre; Translation and Interpreting; and Writing.

The Bachelor of Fine Arts (B.F.A.) degree is awarded in Art with specializations in Art Education, Graphic Design and Studio Art; Musical Theatre; Theatre with tracks in Acting, Design and Theatrical Production and Teacher Certification.

The Bachelor of Science (B.S.) degree is awarded in Accounting; Biology; Biomedical Chemistry; Biomedical Engineering; Business Administration; Chemistry; Christian Caregiving and Counseling; Church Ministries; Cinema/ Television/Digital Media; Computer Information Technology; Computer Science; Communication; Convergence Journalism; Finance; Global Environmental Sustainability; Health and Exercise Science; Health and Physical Education; Information Technology; International Business; International Business and Ministry; Leadership Studies; Liberal Studies; Leisure Science; Management; Marketing; Mathematics; Medical Molecular Biology; Medical Technology; Music Production; Psychology; Public Relations; Business Analytics; Sports Management; and Worship Arts.

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

### **Graduate**

The Graduate School of Business offers the Master of Business Administration (M.B.A.) and the M.B.A. in Leadership (M.B.A.-L).

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. offers two strands (1) Teaching with Certification and (2) Alternative Certification. The M.Ed. offers strands in (1) P-12 School Administration and (2) Interdisciplinary Education. The P-12 School Administration strand has both Public School and Christian School tracks. The Graduate School of Education also awards the Education Specialist (Ed.S.) and Doctor of Education (Ed.D.) degree in Educational Leadership.

The Graduate School of Theology and Ministry awards the professional Master of Divinity (M.Div.) degree, the academic Master of Arts (M.A.), the professional Master of Arts (M.A.), and the Master of Christian Ministry (M.C.M.). The Master of

Divinity offers a choice of two concentrations: in pastoral care and chaplaincy or in addiction counseling. The academic Master of Arts has programs in (1) Biblical Literature with concentrations available in advanced languages and (2) Theological and Historical Studies. The professional Master of Arts has programs in (1) Professional Counseling with concentrations in marital and family therapy and addictions counseling, (2) Missions, and (3) Practical Theology with a concentration in teaching ministries. The Graduate School of Theology and Ministry also awards the Doctor of Ministry (D.Min.) degree with concentrations in church ministries and leadership as well as moral injury. Additionally, the Graduate School of Theology and Ministry offers the Doctor of Philosophy (Ph.D.) degree in Theology with a concentration in Contextual Theology.

The Anna Vaughn School of Nursing offers the Master of Science in Nursing (M.S.N.) and the Doctor of Nursing Practice (D.N.P.) degrees.

The College of Arts & Cultural Studies offers the Master of Arts in Leadership (M.A.) degree.

The College of Science & Engineering offers the Master of Science in Computer Science and Master of Science in Sport & Leisure Administration (M.S.) degrees.

### ***Posthumous and In Memoriam Degrees***

Upon the death of a current or former student of ORU who has not graduated, the university may award a posthumous degree or degree "In Memoriam" at the discretion of the President and Board of Trustees.

### ***Dual Degrees***

#### **Undergraduate**

A second baccalaureate degree requires at least 30 additional semester hours, including a senior paper/project. 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 and/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 administration 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.

Guidelines for two master's 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 art, chemistry, computer information technology, education, engineering, mathematics, medical molecular biology, music, or nursing should declare their intentions when entering the university. No grade below "C" may apply toward the major, concentration, core, 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.

#### ***Multiple Majors***

Students wishing to have one degree with two or more majors listed on their transcript 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.

Courses in the first or primary major, including the major concentration 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. 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 and/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 cognate 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 pursue spiritual integrity, personal resilience, intellectual pursuit, global engagement, and a bold vision.

ORU seeks to educate the whole person, with balanced emphasis placed on the development of the spirit, mind, 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 (eight credit hours):**

- THE 104 Spirit-Empowered Living  
 THE 105 Spirit-Empowered Leadership  
 Choose one of the following:  
 BLIT 111 Christian Life through Biblical Engagement I: Old Testament  
 BIB 222 Old Testament Introduction  
 Choose one of the following:  
 BLIT 122 Christian Life through Biblical Engagement II: New Testament  
 BIB 261 New Testament Introduction

### ***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**

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 other coursework.

#### **Requirements (six credit hours):**

- COMP 102 Composition II  
 COM 101 Oral Communication

Students making a satisfactory score on the SAT (verbal 500), the ACT (English 22), or the TOEFL (550) are placed directly into COMP 102. Students with a minimum score of SAT (verbal 640) or ACT (28 or higher) are enrolled in COMP 102H (honors). Students whose scores fall below these cut-off scores must enroll and complete COMP 101 with a grade of "C" or better as a prerequisite for COMP 102. COMP 101 can apply as general elective credit.

### **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** (minimum of three credit hours):

Six consecutive hours in the same language are required for a Bachelor of Arts degree. A minimum grade of "C" must be achieved before the next level may be taken. The general education language

requirement should be completed by the junior year in order to avoid difficulties in course sequencing. Students earning other degrees are required to complete a minimum of three credit hours of a modern foreign language.

### **Biological, Physical, and Mathematical Sciences**

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

#### **Requirements (minimum of seven credit hours):**

- Laboratory Science  
 Choose one of the following  
 MAT 232 Elementary Statistics  
 MAT 325 Probability and Statistics

The Bachelor of Arts degree requires a three-hour lecture course and a corresponding lab. The laboratory science may be selected from anatomy and physiology, biology, chemistry, earth science, environmental science, physical science, or physics. The Bachelor of Science degree requires an additional science class, which may or may not include a lab. Refer to your major's degree plan sheet for specific requirements. Bachelor of Science majors may take CSC 111 or CSC 201 to fulfill the second science lecture requirement unless otherwise stated by the department.

The mathematics requirement should preferably be taken before or concurrent with the laboratory sciences.

Students making a satisfactory score on the ALEKS-PPL exam (score of 50) are placed directly into MAT 232. Students whose scores fall below this cut-off score must either enroll and complete MAT 105, 106, 201 or NUR 230 with a grade of "C" or better as a prerequisite for MAT 232 or enroll in MAT 231 as a co-requisite for MAT 232. MAT 105, 106, and 201 can apply as general elective credit. Some programs may require MAT 325 instead of MAT 232.

### **Humanities**

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

#### **Requirements (six credit hours):**

- Choice of two of the following:  
 ART 103 Art History Survey I

- ART 104 Art History Survey II  
 ART 307 Art History Survey III  
 DANP 125 History of Dance I  
 DRAM 210 Theatre History II  
 DRAM 215 Introduction to Theatre  
 DRAM 275 Costume History  
 DRAM 304 Theatre History I  
 HUM 201 Wisdom of the Ancient World\*  
 HUM 202 Classical Roman Civilization\*  
 HUM 203 Learning from the Late Middle Ages\*  
 HUM 204 Understanding Modern Western Civilization\*  
 HUM 333 Humanities Travel Studies  
 HUM 342 Europe Today  
 MUS 130 Music Appreciation

\*At least one of those courses marked with an asterisk must be completed.

### **Civics and Social Sciences**

Knowledge of social science principles and human behavior in social and financial settings and an understanding of the civics.

#### **Requirements (six credit hours):**

Choice of one of the following Civics Electives:

- GOV 101 American Government and Politics  
 GOV 103 Introduction to Comparative Politics  
 HIS 110 American History Survey I (To 1877)  
 HIS 111 American History Survey II (1877-Present)  
 HIS 200 World History  
 Choice of one of the following Social Science Electives\*:  
 PSY 201 Introduction to Psychology  
 SWK 202 Introduction to Social Work  
 SOC 101 Introduction to Sociology  
 SOC 201 Marriage and Family  
 SOC 323 Child and Family in the Social Context  
 BUS 201 Principles of Economics  
 FIN 244 Personal Financial Planning  
 MUS 208 Music in World Cultures

\*Certain majors require a specified social science. Refer to your major's degree plan sheet for social science options.

### ***For the Body***

A continuing process of study and active participation in activities conducive to good health.

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

sports throughout their college programs. Undergraduate students are required to complete the following in sequence: Introduction to Whole Person Education, Health Fitness, the swimming proficiency test (except for students 45 years of age or older), one HPE activity course each semester they are enrolled as on campus full-time students and Lifelong Wellness. The same activity course may be taken only twice for credit towards a degree program. Any student failing the swimming proficiency test should enroll in HPE 026 Beginning Swimming. 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:**

HPE 155 Health Fitness  
HPE 400 Lifelong Wellness  
HPE Activity Electives (one for each semester of full-time enrollment)

#### **For Documenting Growth**

A continuing process of verification of meeting the University Outcomes as specified in the university's mission statement as students pursue spiritual integrity, personal resilience, intellectual pursuit, global engagement, and a bold vision.

#### **Requirements (one credit hour)**

GEN 150 Introduction to Whole Person Education\*

\*Also serves as student's HPE activity course in their first semester.

#### **Scaffolded Interdisciplinary Courses**

Programs that do not have curriculum restrictions imposed by external accrediting or licensing bodies will also include COMP 303 and 9 hours of interdisciplinary general education courses. The goal of these courses is not content knowledge but to teach higher level outcomes and proficiencies, e.g. critical thinking, ethical behavior, information literacy through an interdisciplinary structure.

#### **Requirements (twelve credit hours):**

COMP 303 Critical Reading and Writing  
Choice of three of the following SIC Electives:

GEN 301 Global Development and Sustainability  
GEN 304 Health Psychology  
GEN 307 Women's History  
GEN 310 World Literature  
GEN 314 The Mystery of Sound  
GEN 322 Leading through Disaster  
GEN 332 Campaigns and Elections

GEN 333 Science Travel Studies  
GEN 343 Middle East Today  
GEN 355 Monotheistic Religion: Conflict & Convergence  
GEN 356 Biomedical Ethics  
GEN 365 Introduction to the Parables of Jesus  
GEN 375 Healing Teams – A Global Training Course  
GEN 377 Christian Worldview, Culture, and Apologetics  
GEN 380 Israel - The People and the Land\*  
GEN 401 Communication Ethics  
GEN 415 Science and Christian Philosophy\*  
GEN 420 A Biblical Approach to Middle Eastern Religious Literature\*  
GEN 430 Peacebuilding, Communication, and Culture\*  
GEN 434 Game Theory and Politics\*  
HONR \_\_\_ Honors Seminar\*\*

\*At least one of those courses marked with an asterisk must be completed.

\*\*Any HONR course can be used, but only one will count toward this requirement.

#### **GO Courses**

GO courses are courses that fulfil the GO intercultural experience graduation requirement. All undergraduate students must successfully complete a GO course in order to graduate.

#### **Requirements (one course):**

ARA 101 Elementary Arabic I  
ARA 102 Elementary Arabic II  
ARA 203 Intermediate Arabic I  
ARA 204 Intermediate Arabic II  
ARA 305 Civilization and Culture  
CHI 101 Elementary Chinese I  
CHI 102 Elementary Chinese II  
CHI 203 Intermediate Chinese I  
CHI 204 Intermediate Chinese II  
CHI 305 Chinese Civilization and Culture  
COM 425 Intercultural Communication  
CHRM 395 Intercultural Field Experience  
CHRM 398 Ministry Practicum  
CSC 212 Computing Ethics  
FRE 101 Elementary French I  
FRE 102 Elementary French II  
FRE 203 Intermediate French I  
FRE 204 Intermediate French II  
FRE 305 French Civilization and Culture  
GEN 375 Healing Teams: A Global Training Course  
GOV 103 Introduction to Comparative Politics  
GOV 311 International Relations  
HEB 101 Elementary Hebrew I  
HEB 102 Elementary Hebrew II  
HEB 203 Intermediate Hebrew I  
HEB 204 Intermediate Hebrew II

HEB 305 Hebrew Culture and Civilization  
HIS 351 Evangelical and Charismatic Christianity in America  
HLSS 375 Global Perspectives in Sport and Leisure Management  
MISS 244 Introduction to Short-Term Intercultural Missions  
MISS 245 Intro to Short-Term Intercultural Missions Leadership  
MISS 397 Mission Internship  
MISS 398 Global Ministries and the Market P  
NUR 403 Patterns of Community Health Nursing  
PED 131 PED 131 Pre-clinical I – Intro  
SOC 101 Introduction to Sociology  
SPA 101 Elementary Spanish I  
SPA 102 Elementary Spanish II  
SPA 203 Intermediate Spanish I  
SPA 204 Intermediate Spanish II  
SPA 219 Travel Study  
SPA 306 Business Spanish  
SPA 315 Latin American Civilization and Culture  
SPA 316 Civilization and Culture of Spain

#### **Health and Physical Education Standards**

Every student is required to make satisfactory progress toward physical fitness. ORU wants its graduates to pursue spiritual integrity, personal resilience, intellectual pursuit, global engagement, and a bold vision. For this reason, all undergraduate students taking a minimum of 12 hours are required to enroll in and successfully complete an HPE activity course each semester. To successfully complete HPE activity courses, students must earn a grade of D or better. The Health, Leisure and Sport Sciences section in this catalog provides a list of activity offerings. Students may enroll in any one HPE activity course only twice for credit towards their degree program (the exceptions are HPE 080, 092, 101, 102, 155, and 400). Undergraduate students enrolled full-time are not permitted to withdraw from their health fitness courses.

Study Abroad students are not required to participate in an HPE activity course during their study abroad semester(s). Graduate students, students in online and lifelong 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 considered HPE deficient. A student may be considered HPE deficient for failing to successfully complete

an HPE activity course or for failing to enroll in an activity class or classes.

Students who are HPE deficient must enroll in two HPE courses the following semester. Deficiencies may also be made up by enrolling in summer school. Students may also petition to transfer activity courses from regionally accredited colleges and universities to make up their deficiency. Students who are HPE deficient are not eligible to graduate from the University.

### **Students Transferring to ORU with an Associate's or Bachelor's Degree**

Students transferring to ORU to pursue a Bachelor's degree who have a previously awarded Associates of Arts, Associates of Sciences, Associates of Arts and Sciences, or a 4-year Bachelor's degree from another accredited institution will be considered to have completed the degree requirements of 37 specified hours of general education courses. These courses will not be given specific transfer credit unless ORU Transfer Guidelines permit. Instead, the 37 General Education hours will be waived in the student's general education degree requirements. The waiver only applies to the specific general education degree requirements listed and will not automatically waive the need for the specified courses to be taken as prerequisites for some other courses.

Degree Requirements which will be waived are:

Composition (COMP 102)	3
Oral Communication	3
Humanities	6
Civics	3
Foreign Language	3
Quantitative Literacy	3
Laboratory Science	4
Social Science	3
Scaffolded Interdisciplinary Course	9

General Education Courses which will still need to be taken are:

Intro to Whole Person Education (GEN 150/GEN 114)	1-3
Biblical Literacy (BLIT 111/BIB 222 & BLIT 122/BIB 261)	4-6
Theology (THE 104 & 105)	4
Health Science (following catalog policy)	

Students pursuing a Bachelor of Science will need to take an additional Science Lecture. Students pursuing a Bachelor of Arts degree will need to take an additional 3 hours of Foreign Language.

### **Senior Paper/Project**

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

requirement. Art majors may require a show to satisfy the senior paper requirement. Science education, health and physical education, and all majors in the College of Education substitute the presentation of a report and evaluation of the directed teaching experiences. The senior paper/project in final form is usually due in the major department during the seventh semester according to the university schedule. To receive honors, a student must earn an A or B on the senior paper.

### **Honors Program**

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

Entrance requirements for the Honors Program include a minimum 1310 SAT or 28 ACT, and a minimum 3.50 high school GPA. Students are not admitted into the Honors Program after the second semester of their junior year.

Honors students are divided into two categories: Scholars and Fellows. Fellows must exceed the requirements listed above and apply with the following additional materials: a complete Fellows application, letters of recommendation, demonstration of leadership skills, and church and community service. Yearly, sixteen students are chosen as Fellows and awarded an ORU Honors Fellows Scholarship. Honors students are also eligible to apply for research assistantships in which they assist faculty with scholarly work.

All students in the Honors Program must complete HONR 100 Freshman Honors Seminar, at least 21 hours of honors credits (18 for transfer students), successfully defend their senior paper/project, maintain a 3.50 or higher cumulative G.P.A. and meet any additional requirements specified by the major department (listed below). It is expected that Honors Program students attend Honors Program events and participate in service projects. All Honors students are also eligible and encouraged to apply for research assistantships in which they assist faculty with scholarly work.

In addition to the requirements listed above, Fellows must take at least four of seven HONR seminars. Each seminar is taught by two faculty members and combines two subject areas such as English

and art, science and theology, and history and mathematics. These interdisciplinary courses replace specific general education courses.

### **Department and College Requirements for Honors Program Students**

#### **Biology and Chemistry Department**

Biology major—Honors sections of BIO 111L and 112L; CHE 112L, and BIO 372 required; BIO 499 must be experimental; senior paper must be presented at a professional meeting; Standardized ETS score must be above the 50% level.

Chemistry major—honors sections of CHE 112L (lab).

#### **College of Education**

All majors join a professional educational association, join Kappa Delta Pi, the professional education honor society; attend a professional educational association conference; complete an in-service project with an inner-city school.

#### **School of Nursing**

Honors students satisfy general education requirements with a minimum of 24 hours of courses in honors sections.

Must complete NUR 499H

#### **English and Modern Languages Department**

English Literature major—COMP 102H (unless AP or CLEP credit received), COMP 303H (or approved option), ENG 351H, and WRT 304H.

Writing major—COMP 102H (unless AP or CLEP credit received), COMP 303H (or approved option), and WRT 304H.

Spanish or French major—one semester of Study Abroad experience.

#### **Music Department**

All majors must meet with the Music Department committee to answer questions of the material covered in the recital as to style, performance practice, historical importance, and specific text analysis for vocal music or playing style for instrumental music; must include a music analysis of at least three pieces from the recital that represent different style periods. (Applies only to the students who enroll in MUS 421 Senior Recital.)

#### **Theology Department**

All majors must successfully complete and defend the senior paper in their respective field.

#### **Honors Dorms**

Students in the ORU Honors Program (except incoming Freshmen) can apply to live in one of the honors dormitory wings, which promote a quality academic atmosphere. Numerous social activities and service learning opportunities are available to students in the Honors Program. All

students, that complete Honors Program requirements, receive special recognition at graduation, and special designations appear on their transcripts and diplomas. Additional information can be obtained by contacting Nathan Opp, Honors Program Director and Professor of Art, at (918) 495-6212 or by email at nopp@oru.edu.

### **Writing Across the Curriculum**

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

- Written assignments should be logically organized.
- Written assignments should use clear and exact prose.
- Written assignments should demonstrate the ability to develop an idea fully.
- Written assignments should be free from persistent errors in grammar, punctuation, and sentence structure.
- Written assignments using sources must demonstrate ethical and accurate use of source material. Plagiarism or any unethical or inappropriate use of sources is 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 Student

Satisfaction Inventory, the National Survey of Student Engagement, and many others.

Oversight of the assessment process, including WPA, program review, and assessment catalog, is the responsibility of the Office of the Assistant to the Provost for Teaching Excellence and Innovation in conjunction with the Office of the Assistant to the Provost for Academic Excellence & Institutional Effectiveness 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 university outcomes for all students, which flow directly from the university's mission:

#### **Spiritual Integrity**

Students will learn to hear God's voice by deepening their relationship with Jesus Christ and increasing their sensitivity to the Holy Spirit—for themselves and others. Students will pursue wholeness and integrity in their relationships with others and with God. Students will expand their biblical knowledge, approach life from a Spirit-empowered worldview, and learn to share the gospel of Jesus Christ.

#### **Personal Resilience**

Students will learn the skills needed for motivation and perseverance in addressing the complexities of life. Students will develop the knowledge, skills, and strategies required to adapt appropriately to changing environments. Students will honor God by embracing wellness through self-management and self-care, including physical exercise, good sleep patterns, and proper nutritional habits.

#### **Intellectual Pursuit**

Students will learn to develop problem-solving, critical thinking, and decision-making skills in preparation for professional careers. Students will demonstrate knowledge and an increased capacity for knowledge attainment and participate in identifying, analyzing, and creating solutions for the world's most significant problems.

### **Global Engagement**

Students will learn to model respect, responsibility, flexibility, adaptability, and sacrifice as they navigate the challenges and opportunities of a globalized world. Students will learn to use multiple strategies to develop culturally responsive relationships that support and encourage constructive change.

### **Bold Vision**

Students will learn to recognize, develop, and communicate bold responses to today's complex issues. Students will contemplate God's purpose for their lives and God's vision for their futures while also seeking to understand the world's challenges and how these dynamics intersect. Students will learn practical, scalable objectives that assist in moving from vision to reality and be challenged to bring hope and transformation to the world.

## **Academic Probation and Suspension**

### **Academic Retention Standards**

All students are expected to make satisfactory progress toward a degree or other approved objective to be eligible to continue enrolling in the university. Credit is not awarded for grades of "F," "FA," "I," or "W." Likewise, credit is not awarded for non-credit or audited courses. Students must also maintain a minimum cumulative grade-point average based on their overall attempted credit hours. These requirements are specified below:

<b>Overall Total Hours Attempted</b>	<b>ORU GPA Required</b>
1-26	1.50
27-59	1.75
More than 60	2.00

Graduate students should reference their respective section of this catalog for academic standards within their program. Certain undergraduate departments (business, education, engineering, nursing and social work) require higher cumulative grade-point averages. Students pursuing these programs should reference the respective department's section of this catalog for academic standards.

### **Good Standing**

A student who meets the University's retention standards is in good academic standing.

### **Academic Probation**

Initial academic progress evaluation will occur at the end of a Fall or Spring semester for a degree seeking student who

has attempted a minimum of 12 ORU hours. Upon this initial evaluation of academic progress if the student has not met the minimum cumulative grade-point average based on their overall attempted credit hours they will be placed on Academic Probation and probationary standing will be recorded on the transcript. Academic progress will be evaluated at the end of each subsequent semester for continued probation or removal from probation either of which will be updated on the transcript. The Department of Veteran Affairs will be notified of any students using educational benefits who are placed on academic probation.

### ***Academic Suspension***

When a student who has been on a full year of academic probation fails to meet the applicable retention standard set by the university they will be placed on pending suspension status. Summer enrollment will be permitted with a minimum of 6 hours that will be limited to core academic courses that meet general education or degree requirements. To continue in the fall semester these students must make at least a 2.00 summer GPA in their summer courses. Students who achieve a 2.0 summer GPA, but do not raise their cumulative GPA to retention standards in the summer will be enrolled on probation in the fall semester. Students who fail to achieve a 2.00 or higher summer GPA in the summer sessions or to raise their cumulative GPA to retention standards will be placed on academic suspension and may not be reinstated until after one regular semester. Students accepted into ORU on probationary status will be suspended at the end of the spring semester if they are not meeting academic standards. Academic Suspension will be notated on the transcript. The Department of Veteran Affairs will be notified of any students using educational benefits who are placed on academic suspension. This may result in the repayment of disbursed funds.

### ***Administrative Probation or Suspension***

Upon recommendation of the college dean and approval of the Provost or Provost appointed Academic Appeals Committee, a student will be put on probation or will be suspended at any time for severely inadequate academic work.

### ***Academic Suspension Appeals and Re-admission***

A student who has been academically suspended from the University may appeal the suspension and apply for immediate reinstatement by submitting a Removal from Academic Suspension petition on the

petitions.oru.edu webpage. Students who may appeal a suspension and apply for immediate reinstatement with the understanding the reinstatement does not remove the record of suspension.

Appeals of academic suspension due to "extraordinary personal circumstances" will be considered by the Academic Appeals Committee as approved and appointed by the Provost. Students reinstated on this basis will be readmitted on probation and must maintain a 2.00 GPA each semester or summer session while on probation or raise their cumulative GPA to the retention standard established by 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**

Honor rolls are available to undergraduate students who are enrolled full-time. Honor rolls for residential students are based on full-time enrollment in each fall and spring semester, and are not given for summer school. Honor rolls are available to online students who are enrolled in full-time hours for any 7-week Fall A and/or B, or Spring A and/or B online terms.

The Provost's honor roll recognizes undergraduate students who are enrolled in full-time hours per the above policy, 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 are enrolled in full-time hours per the above policy, exclusive of pass/no-pass courses, and who attain a grade point average of 4.00.

A student does not appear on both lists, only on the higher one for which he or she qualifies.

### **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 commencement. Honors on the diploma include the final semester of coursework for the degree, the grade earned on 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*.

## ***Graduate***

Graduate students completing a master's program or education specialist program with 4.00 GPA's receive the distinction "with high honors." Those with GPA's between 3.80 and 3.99 receive the distinction "with honors." Doctoral programs do not have 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 course work from institutions recognized by the Council for Higher Education Accreditation (CHEA). CHEA is a non-governmental coordinating agency for accreditation recognized by the U.S. Department of Education (DOE). You can learn more about CHEA and the recognized accrediting agencies on their website [www.chea.org](http://www.chea.org). Technical or vocational courses are not ordinarily considered for transfer. No credit is given for any course with less than a "C" level grade or those grades on a "Pass/No Pass" or "Satisfactory/Unsatisfactory" grading scale or any course considered remedial. Students may petition to receive credit for courses completed at institutions not recognized by CHEA.

Transfer credit is based according to the transfer guidelines established by ORU (available at [registrar.oru.edu](http://registrar.oru.edu)). 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 CHEA recognized institutions in accordance with established ORU Transfer Guidelines. A grade of "A", "B", or "C" on a test-out is recorded as "TPC" on the ORU transcript. Grades of "D" and "F" are recorded as an

"NTD" or "NTF" on the ORU transcript. The words "test-out" appear as part of the course title on the ORU transcript.

A maximum of 72 semester hours may be transferred into ORU from a two-year community or junior college. A maximum of 98 hours can be transferred from a four-year institution. A minimum of 30 semester hours of a degree program, including at least six hours in the major field and the senior paper or project, must be taken at ORU.

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

### **Transferring Credit from Oklahoma Colleges and Universities**

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

### **Transferring Credit through Articulation Agreements**

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

A list of the articulation agreements is located at [www.registrar.oru.edu](http://www.registrar.oru.edu). The articulation agreements between ORU and these educational entities have been developed to assist students transferring into ORU to obtain a bachelor's degree from ORU. These agreements help provide a seamless transition process that allows students from these educational entities to transfer to ORU and receive the maximum allowable credit towards a baccalaureate degree. Students transferring into ORU under these articulation agreements should note that once students transfer to ORU, taking additional coursework from their previous institutions cannot be transferred into ORU for credit.

### **Credit from Concurrent Enrollment**

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

### **Credit from Professional Programs**

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

### **Credit from Institutions not recognized by Council of Higher Education Accreditation**

Credit granted for certification, diploma, associate degree, and other pre-bachelor's degree programs issued by institutions not accredited by CHEA recognized agencies and without articulation agreements are not accepted for credit. Courses in these programs may be evaluated individually according to ORU credit transfer policies.

Credits 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 undergraduate general education requirements for HPE 155 - Health Fitness I and waiver of the swim proficiency. Graduate students with basic military training may receive credit for GHPE 999 as an activity course, graduate students are still expected to take GHPE 503/703/903 respectively per their program requirements.

### **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) Board appears on student transcripts as accepted credit regardless of whether the student graduates from ORU. More information is available in the section titled "Advanced Placement and College Level Examination Program" in the undergraduate admission section of this catalog.

### **Credit from Foreign Institutions**

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

### **Credit from Military Experience**

Students using VA education benefits must submit official records from all previous training and transcripts. These documents are to be submitted as part of the application process and will be evaluated by the Registrar's Office for prior credit. Credit will be granted according to the university's transfer guidelines. Additional information is located in the Transferring of Credit Before Matriculation section of this catalog.

### **Transferring Credit after Matriculation**

To transfer courses after matriculation, students should consult the transfer guidelines established by ORU (available online). 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.

A maximum of 72 semester hours may be transferred into ORU from a community or junior college. A maximum of 98 hours can be transferred from four-year institutions. A minimum of 30 semester hours of a degree program, including at least six hours in the major field and the senior paper/project, must be taken at ORU.

## Academic Policy Changes

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

## Syllabi Revision Policy

The syllabus available to students for each course provides information concerning the course description, course goals, student learning outcomes, textbooks, calendar, policies and procedures related to course activities including assignments, grading practices, and attendance requirements. A general course calendar provides an outline of the content presentation. The syllabi do not constitute a contract between ORU and the student as ORU reserves the right to modify, supplement and make changes as deemed appropriate.

## Policy Exception

Students may petition to have a stated policy modified due to extenuating circumstances. Petitions for Policy Exception for most situations are available online at <https://petitions.oru.edu>. Students may check the status of their petition online.

# ROTC

## Air Force

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

from ORU. AFROTC classes are at Oklahoma State University (OSU) at Stillwater (Thatcher Hall).

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

ORU students may be eligible for AFROTC scholarships and stipends. Some of the scholarships are targeted toward specific majors, but others are available to students in any major.

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

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

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

## Student Life

The Office of Student Life, headed by the Vice President for Student Life, includes the following areas: Residential Services (Housing), Student Development, Counseling Services, Student Support Services (Disability Services), Student Experience and Commuter Engagement, Student Association, Missions, Community Outreach, and Spiritual Formation. Student Life 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 addresses 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. The University has an amnesty and restoration policy for students struggling in areas that may violate the values and principles of ORU. Students who utilize this policy may receive support and spiritual guidance through the Student Development Office or the Spiritual Formation Office by requesting amnesty and seeking restoration. The amnesty and restoration policy does not exempt students from the policies of the University, nor does it condone behavior that is immoral, criminal, or unethical.

## 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

Students are expected to demonstrate by their dress and appearance a mature Christian attitude and the ability to discern propriety. A student's sense of fashion should be guided by good grooming and a sense of modesty, and mature discretion should be exercised in the selection of a wardrobe. The dress code is a standard of excellence that represents an important part of ORU lifestyle. In determining what should be worn, one should consider the following:

- Modesty
- Appropriateness to the activity
- Sensitivity and consideration of others

### ***Regular Dress Code Standards***

Regular dress code standards should be observed in all classes and chapel services. They should also be observed by anyone entering the LRC/GC until 4:00 p.m., Monday through Friday. The dress code for the cafeteria is casual. The dress code for the LRC/GC after 4:00 p.m., Monday through Friday as well as on weekends is casual, though shorts are not acceptable.

## **Men**

The Standard for Men in Class/Chapel/Library: The following options are open for men to choose from:

- Collared shirts or sweaters must be appropriate and in good taste
- Slacks/corduroys/khaki's/neat jeans (no holes). The length of all pants should be mid-calf or lower
- Dress or casual shoes, including athletic shoes and flip flops.

Attire not permitted in Class/Chapel/Library:

- Shorts
- Tattered or torn jeans
- Sweat/Wind pants
- Jogging pants
- Fatigues
- Pajamas
- Tank Shirts.

Attire permitted in the Cafeteria:

- Collared knit shirts, turtlenecks, sweatshirts and sweaters
- Slacks/corduroys/khaki's/ neat jeans (no holes)
- Dress or casual shoes, including athletic shoes and flip flops
- Hats
- Sweat/Wind pants.

Attire not permitted in the Cafeteria:

- Tank shirts
- Pajamas

## **Women**

The standard dress for Class/Chapel/Library: The following options are open for ladies to choose from:

- Knit shirts, blouses or non-athletic shirts must be modest and in good taste, not revealing or sheer with no cleavage showing. All shirts must have straps at least 1 inch thick or wider
- Slacks/corduroys/khaki's/Capri pants/neat jeans (no holes). The length of all pants should be mid-calf or lower
- Skirts and dresses must be no shorter than 4 inches above the middle of the knee
- Dress or casual shoes, including athletic shoes and flip flops.

Attire not permitted in Class/Chapel/Library:

- Shorts
- Tattered or torn jeans, sweatpants
- Spaghetti straps, strapless, racerback or off-the-shoulder shirts
- Sheer shirts (if worn there must be a modest shirt with a strap width of 1 inch worn under it)

Attire permitted in the Cafeteria and Hammer Center:

- Knit shirts, blouses and t-shirts which are modest and in good taste, not revealing or sheer with no cleavage showing. All shirts must have straps at least 1 inch thick or wider
- Slacks/corduroys/khaki's/Capri pants/neat jeans. The length of all pants should be mid-calf or lower
- Shorts
- Sweat/Wind pants
- Hats
- Dress or casual shoes, including athletic shoes and flip flops.

Attire not permitted in the Cafeteria and Hammer Center:

- Spandex pants
- Skirts/dresses or slits in dress/skirt shorter than 4 inches from the above the knee
- Spaghetti straps, strapless, racerback or off-the-shoulder shirts
- Sheer shirts (if worn, there must be a modest shirt with a strap width of 1 inch worn under it.).

Dress for Formal Occasions:

- Formal dress may be worn with or without straps of any size (with no cleavage showing, the back no lower than the normal bra strap line (mid back), and no shorter than 4 inches above the knee- including any slits up the leg).

Questions about dress code should be addressed to a Resident Advisor or Residence Hall Director.

## **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 Student Development, 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:

- Graduate students
- Students who are 23 years of age or older
- Students who are married (The university does not have housing for married university students.)
- Students who are single parents with custodial responsibilities
- Students who are homeowners with established residency in the Tulsa vicinity and who provide appropriate verification
- Students living with their parents who reside in Tulsa or its vicinity. Such students are required to verify parental residency. Freshman students are required to live on campus.
- Full-time employees of Oral Roberts University

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

Part-time students (enrolled in 11.5 or fewer hours, including online hours) under the age of 23 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.

Residential Services 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 on campus, 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. Studying, sleeping, food, beverages, and inappropriate use of laptops 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.

Chapel excuses require a note on official letterhead from the student's doctor, parent, or faculty/staff member and must be submitted to the Office of Student Development for undergraduates or to the dean of the appropriate college for graduate students within 48 business hours following the absence. Three unexcused absences result in a \$50 chapel fine.

## Student Experience and Commuter Engagement

Student Experience and Commuter Engagement is a branch of the Student Development Office and oversees the students' governing body, the Student Association, Activities, Clubs, Organizations, and Commuter Events.

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 Commuter Engagement and the Vice President for Student Life. The president and vice-president are elected annually.

Student Experience and Commuter Engagement 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 community 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 intercollegiate athletics. The mission of the Athletic Department is to provide a competitive intercollegiate athletic program consistent with NCAA rules and regulations, to further the mission of the University, to serve the needs of the student athletes, and to prepare student athletes for life after athletics. The University 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, which will be utilized throughout the student athlete's life.

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:

Create an atmosphere in which a student athlete can be competitive both academically and athletically.

Assist the university in developing the spiritual qualities upon which the institution was founded.

Develop group loyalty, self-esteem, and pride of accomplishment that will assist the student-athlete to be successful upon graduation.

Field teams in all 16 sports that offer competitive opportunities of championship caliber that will serve as a ministry of the university.

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.

Adhere to the literal meaning and spirit of the regulations set forth by the National Collegiate Athletic Association.

ORU was a member of the Summit League (formerly Mid-Continent Conference) from 1997 to 2012, but joined the Southland Conference on July 1, 2012. ORU returned to the Summit League in July 2014. In the Summit League, ORU won 168 regular season and tournament championships. For nine years, the number of championships that ORU won in a single year set, tied, or exceeded the conference record for most championships. ORU won the commissioner's cup for the conference in nine years and finished as runners-up for the award four times. During its Summit League membership, ORU has been awarded All-American honors 149 times, had 155 conference players of the year, 79 coaches of the year, 1,480 all-league awards, 339 academic all-league designations, and 10 student-athletes of the year. ORU student athletes posted the eighth-straight year with an increase in the combined GPA of all programs, including a department record 3.43 in 2020-21. 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

Tim Johnson.....	Athletic Director
Paul Kabbes	Deputy Athletic Director/Development
Scott Williams.....	Senior Associate Athletic Director/Compliance

Rhonda Fowler.....Senior Associate Athletic  
Director/Finance/SWA  
Scott Higgins.....Senior Associate Athletic  
Director/Marketing  
Kyle Jones.....Associate Athletic  
Director/Academics  
Scott Slarks.....Assistant Athletic  
Director/Communications  
Terry Unruh.....NCAA Faculty Athletic  
Representative  
Matt Moore.....Executive Assistant to the  
Athletic Director  
Stacey Williams.....Business Manager  
Ryleigh Bohnenstiehl.....Compliance  
Coordinator  
TBA.....Executive Director Golden Eagle Club  
Debbie Gimlin.....Development Coordinator  
Golden Eagle Club  
Gordon Hunter.....General Manager of ORU  
Sports Properties  
Helen Torgerson.....Director of Athletic  
Academics/Eligibility  
Sierra Beall.....Director of Athletic  
Academics/Degree Advancement  
Jarrett Hardwick.....Director of Athletic  
Communications  
Dunc White.....Assistant Director of Athletic  
Communications  
Detrick Bombarger.....Director of  
Marketing/Game Operations  
Cole Eveland.....Director of Marketing/Ticket  
Sales  
John Joslin.....Director of Sports Medicine  
Eric Norton.....Assistant Trainer  
Melissa Medley.....Assistant Trainer  
Victoria Marquez.....Assistant Trainer  
Sarah Harrison.....Assistant Trainer  
Ashtin Meerpohl.....Director of Sports  
Performance  
Kevin Mixon.....Assistant Director of  
Sports Performance  
Paul Mills.....Men's Basketball Head Coach  
Russell Springmann.....Men's Basketball  
Assistant Coach  
Sam Patterson.....Men's Basketball Assistant  
Coach  
Kenton Paulino.....Men's Basketball Assistant  
Coach  
Steve Upshaw.....Men's Basketball  
Director of Operations  
Iain Laymon.....Men's Basketball Video  
Coordinator  
Misti Cussen.....Women's Basketball  
Head Coach  
Kyron Stokes.....Women's Basketball  
Associate Head Coach  
Lee Mayberry.....Women's Basketball  
Assistant Coach  
Jeff Zinn.....Women's Basketball  
Assistant Coach  
Ryan Folmar.....Baseball Head Coach  
Ryan Neill.....Baseball Associate Head Coach  
Wes Davis.....Baseball Assistant Coach

Phil DePase.....Baseball Director  
of Operations  
Ryan Bush.....Men's Soccer Head Coach  
Chris Taylor.....Men's Soccer Assistant Coach  
Brian McCurdy.....Men's Soccer  
Assistant Coach  
Roger Bush.....Women's Soccer Head Coach  
Wes Branstetter.....Women's Soccer  
Associate Head Coach  
Preston Wiruth.....Women's Soccer  
Assistant Coach  
Lance Watson.....Director of Golf  
Matt McCormick.....Golf Assistant Coach  
Tim Braaten.....Golf Assistant Coach  
Mark Milner.....Director of Tennis  
Peter McCorkle.....Tennis Assistant Coach  
Joe Dial.....Track Head Coach  
Aaron Reeves.....Track Assistant Coach  
Steve Patterson.....Track Assistant Coach  
Shawna Dial.....Track Assistant Coach  
Frank Craig.....Volleyball Head Coach  
Noel Carpio.....Volleyball Assistant Coach  
Aubrey Marsellis.....Volleyball Assistant Coach  
Kennedy Willis.....Head Cheer/Pom Coach  
Brad Garrison.....Director of Bus Operations

## How to Use the Catalog

The following sections of the catalog are organized by academic college, then by department, and then by the specific academic programs within the department. Within each program section are listed all requirements to complete that program. Many of the general education requirements follow the 'default' requirements listed under "General Education" in the front section of this catalog. If the general education section of a respective program differs from the default requirements the requirement will either be listed in the body of the program or in a footnote on that page. Similarly, any exceptions to other courses listed for major, concentration, cognate, or other program sections will also be listed in a footnote at the bottom of the page.

Many courses have prerequisites, and these are listed in the 'Course Description' section of the catalog. Course Descriptions are listed in alphabetical order by prefix.

# College of Arts and Cultural Studies

William Curtis Ellis, Ph.D., Dean

## Faculty

- Rafael Barreiro.....Associate Professor of Media and Director of the Media Mastery Institute (MMI)  
B.A., Hamline University; 1994; B.A., 1996; M.F.A., Regent University, 2011.
- U. S. "Sonny" Branham....Assistant Professor of Government  
B.A., Western Kentucky University, 1971; M.A., 1973.
- Joyce M. Bridgman.....Assistant Professor of Music  
B.Mus., Phillips University, 1965; M.Mus., University of Kansas, 1966.
- Christopher Brown.....Assistant Professor of Music  
B.M., University of Mary Hardin-Baylor, 1986; M.S., Abilene Christian Univ., 1992; M.M., Univ. of Oklahoma, 2006; D.W.S., Liberty University, 2020.
- Carlos Chale.....Instructor of Spanish  
B.A., Oral Roberts University, 1992; M.A., 1993.
- T. Mandel Chenoweth.....Instructor of Art Education  
B.F.A., University of Tulsa, 1981; M.F.A., 1991.
- .Matthew Delaney.....Visiting Lecturer of Hebrew  
B.A., Oral Roberts University, 2016
- Michelle Eiler...Associate Professor of Music  
B.M., Brandon University, 2007; M.M., 2008; M.M., University of Oklahoma, 2015; D.M.A., 2014.
- William Curtis Ellis.....Professor of Political Science and Dean, College of Arts and Cultural Studies  
B.A., Randolph-Macon College, 2004; M.A., University of Oklahoma, 2008; Ph.D., 2010.
- Agena Farmer.....Assistant Professor of Communication  
B.S., Southwest Missouri State University, 1978; M.S., 1981; Ed.D., Oral Roberts University, 2003.
- David Farnsworth.....Instructor of Spanish and Chair of the English and Modern Languages Department  
B.A., Oral Roberts University, 1994; M.A., 2000.
- Cristi Freudenrich.....Assistant Professor of Media  
B.S., Oklahoma State University, 1985; M.S., 2004. Ph.D., Regent University 2020
- Rhonda Gallagher.....Assistant Professor of Communication  
B.S., Southwest Missouri State University, 1979; M.S., Oklahoma State University, 2002.
- Beverly Garrison.....Assistant Professor of History  
B.A., Oral Roberts University, 1974; M.A., University of Tulsa, 1976.
- Keith Gogan...Assistant Professor of English  
B.A., Oral Roberts University, 1987; M.A., 1994.
- Solomon Hailu.....Professor of International Community Development  
B.A., Addis Ababa University, 1996; M.A., Natal University, 1998; Ph.D., 2002.
- 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.
- Laura L. Holland.....Professor of Theatre and Chair of the Theatre, Dance, and Visual Arts Department  
B.A., Oral Roberts University, 1974; M.F.A., University of Oklahoma, 1977.
- Christopher L. Holt....Assistant Professor of Media & Media Facilities Director  
B.A., California State University-Stanislaus, 1983; M.A., Regent University, 1986.
- Jason Howell.....Professor of Art & Director of the ORU Institute for Design, Experience, and Art  
B.F.A., Oklahoma State University, 1997; M.F.A., University of Oklahoma, 2001.
- John Jenkins....Associate Professor of Music and Director of Music  
B.A., Mercer University, 2005; M.M., University of Florida, 2007; D.M.A., University of Missouri, 2012.
- Katherine Kelley.....Associate Professor of Communication and Chair of the Communication and Media Department  
B.A., University of Oklahoma, 2000; M.A., Pepperdine, 2002; Ph.D., University of Oklahoma, 2011.
- Gary L. Kern.....Instructor of Humanities  
B.A., Oral Roberts University, 1981; M.A., 1988.
- Jiwon Kim.....Associate Professor of Art  
B.F.A., Western Illinois University, 2003; M.A., Savannah College of Art and Design, 2009; M.F.A., 2009.
- Laura Krohn.....Instructor of English  
B.A., Oral Roberts University, 1984; M.A., Northeastern State University, 2009.
- Barbara Law....Assistant Professor of English  
B.A., William Smith College, 1974; M.A., Rochester University, 1980.
- Ruby Libertus.....Assistant Professor of International Relations  
B.A., Oral Roberts University, 1995; M.A., 1998; Ed.D., Oklahoma State University, 2003.
- Hayoung Lim.....Professor of Music  
B.M., The Catholic University, Seoul, South Korea, 1998; M.M., (cello) Illinois State University, 2000; M.M., (music therapy), 2001; Ph.D., University of Miami, 2007.
- Lynda Manghum.....Visiting Professional in French  
B.A., University of Stirling, 1980.
- Susan McMurray.....Assistant Professor of Communication  
B.A., Oral Roberts University, 1991; M.A., Oklahoma State University, 1996.
- Denise Miller.....Assistant Professor of Communication Arts  
B.A., Oral Roberts University, 1981; M.A., 2002.
- Nathan Elijah Opp.....Professor of Art  
B.S., Biola University, 1997; M.S., Pratt Institute, 1999; M.F.A., University of Tulsa, 2005.
- Felipe G. Ornelas....Instructor of Humanities  
B.S., Oral Roberts University, 1997; M.A., 2009.
- Jason Pudlo.....Assistant Professor of Political Science  
B.A., Northpoint, 2002; M.A., University of Oklahoma, 2016; Ph.D., 2017.
- Scott Quant....Associate Professor of Music  
B.M.E., Oral Roberts University, 1988; M.M.E., University of Rochester, 1992; Ph.D., University of Arizona, 1999.
- Courtney Sanders Irish.....Professor and Director of Theatre  
B.S., Oral Roberts University, 2002; M.F.A., University of Arkansas, 2006.
- Christina Schneider.....Associate Professor And Director of Dance  
B.A., Oral Roberts University, 2011; M.F.A., University of Wisconsin-Milwaukee, 2016.
- 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.
- Norah Swiney.....Assistant Professor of Theatre  
B.A., University of Dallas, 1998; M.F.A., FSU/Asolo Conservatory for Actor Training, 2008
- Paul S. Vickery.....Professor of History  
B.A., Florida State, 1969; M.A., 1970; M.Div., Oral Roberts University, 1989; Ph.D., Oklahoma State University, 1996.
- Vicki Walker.....Assistant Professor of Music

B.M.E., Oral Roberts University, 1985  
 M.M., University of Oklahoma, 1988.  
 Tim Waters,.....Professor of Music  
 B.M., Furman University, 1987;  
 M.Ed., University of Georgia, 1990;  
 D.M.A., 1999.

### **Emeriti Faculty**

Stuart Branston,	1985-2011
Fleta Buckles,	1985-2018
Brenda Calderon,	1972-2012
Dr. Evelyn Davis,	1965-1980
Donald Eland,	1977-2014
Dr. Linda C. Gray,	1975-2017
Dr. Dean Helland,	1990-2013
Christiane Hill,	1983-2013
Douglas Latta,	1983-2007
Carole Lewandowski,	1968-2005
Dr. Ray Lewandowski,	1966-2005
M. Lenore Mullican,	1986-2018
Dr. Edward A. Pierce,	1973-2017
Chris Putman,	2002-2020
Dr. David Robbins,	1968-2003
Dr. Barbara Silvers,	1968-2003
Charles J. Zwick, Jr.,	1976-2018

## **School of Communication & Public Affairs**

Cristi Freudenrich, Ph.D., Chair

Jason Pudlo, Ph.D., Assistant Chair

**Mission Statement:** To develop Spirit-Empowered Leaders through whole person education in the broad fields of communication and public affairs.

### **Overview**

Majors, minors, and courses in the School of Communication and Public Affairs are designed for students desiring (1) general cultural and historical background in communication and public affairs; (2) a strong foundation for graduate work; (3) foundational preparation for a variety of careers; and (4) ancillary preparation for communication and public affairs-related careers such as the ministry, media, law, politics, civil service, non-profit leadership, public relations, sales management, and various areas of human resources development.

The department offers programs for students interested in journalism, media, cinema, and numerous other academic fields.

### **General Education Courses**

All ORU students pursuing a bachelor's degree at ORU are required to complete at general education courses in the School of Communication and Public Affairs in the areas of communication, civics, and humanities.

### **Degree Programs**

The School of Communication and Public Affairs offers 8 majors and 10 minors

### **Majors**

#### ***Communication (B.A. AND B.S.)***

The communication major purposes to (1) develop skills in interviewing, listening, public speaking, problem solving, leading conferences, developing seminars, analyzing communication systems, and communication consulting; (2) provide a base for a broad range of career opportunities in human communications, which focus on human resource development, organizational development, communication management, public relations, and sales; and (3) prepare students for study in speech communication, interpersonal or organizational communication management, and human resource development graduate programs. This degree can be completed in three years by following the degree-in-three plan sheet. More information is available from the Communication and Media Department.

#### ***Global Studies (B.A.)***

The global studies major is an interdisciplinary degree program in practical missions, preparing graduates to address not only spiritual but also educational, economic, medical, and physical needs. Student with this major choose one of three areas of study (Asia, Middle East, Latin America) and a language minor (Mandarin, Hebrew, Spanish) that corresponds with the chosen area of study.

#### ***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.

#### ***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. 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.

#### ***Leadership Studies (B.S.)***

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.

#### ***Media Production (B.S.)***

Not only media has become an intricate part of an individual's life, it is a substantial protagonist in many industries at large. While still covering all areas of media production at the basic level, this major allows room for a minor for those interested in pursuing a career in media but also want to focus on a second area of study or explore further the options available in a liberal arts degree.

#### ***Political Science (B.A.)***

Government examines power and authority relations in human communities including their foundations, their institutional organization, and how they are used to make public policy. Political science is the study of how people govern and are governed—and with what results—in cities, states, and nations. A political science 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 political science 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.

#### ***Public Relations and Advertising (B.S.)***

Students choosing this major engage in theory, industry best practices, hands-on learning and client projects which help hone their God-given gifts and realize their dreams through interdisciplinary courses in: Communication: Students learn to write journalistically and persuasively across

media platforms; they develop a confident, professional voice for interpersonal communication and larger group presentations; Business: Students conduct their own research, analyze data for insights, and make client marketing strategy recommendations; Creativity: Students build a design portfolio to showcase their creative skills across publications, websites, videos, photography and branding projects; and, Technology: Students demonstrate proficiency in the latest digital tools and applications and apply these through digital design, event management and across client projects.

A required internship gives each student professional experience prior to graduation. Many graduates become communication, development or marketing directors in for-profit and non-profit organizations. Some students choose positions in public affairs, working as lobbyists or for non-governmental organizations (NGOs). Some pursue sales or event planning, while others prefer content development and social media management. Many students seek positions as media planners, creative designers, research analysts and account managers in regional, national and international advertising and public relations firms.

### **Minors**

The School of Communication and Public Affairs also offers the following minors: advertising, communication, convergence journalism, international community development, international relations, political science, prelaw, media, human resource management and public relations.

### **Clubs and Organizations**

- National Communication Association Honor Society, Alpha Chi Chapter
- Oklahoma Intercollegiate Legislature
- ORU Debate Team – competes in Oklahoma, Arkansas, Texas and Louisiana.
- Pi Sigma Alpha – The National Political Science Honor Society, Alpha Lambda Zeta Chapter
- Student Film Premiere - Sophomores present their short films in the Film Showcase, while juniors and seniors compete for a spot to show their short films at the prestigious ORU Film Gala.

### **Special Programs 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:

- Oklahoma Intercollegiate Legislature (O.I.L.)
- Model United Nations (M.U.N.)
- The Perihelion--the campus yearbook
- The Oracle--the campus newspaper and website
- KORU--the campus radio station

Professional internships--juniors and seniors are required to successfully complete one professional internship. The internship runs the course of one semester (fall, spring or summer).

Study Abroad--Students may complete a semester remotely or abroad. Interested students should visit with the faculty advisor.

Students explore industry careers with on-campus and virtual speakers, field trips and through regional and national conference attendance.

Students may choose to build their resumes on campus through work-study positions in areas such as sports marketing, event management, publications writing and designing, advertising sales, digital marketing, non-profit development, student leadership, social media and video storytelling.

### **National Student Advertising Competition**

Students who are second-semester juniors are encouraged to apply for ORU's National Student Advertising Competition team hosted by the American Advertising Federation. The competition begins in August with the client providing a detailed case problem. Students form a working advertising agency and build a comprehensive national campaign which includes a 26-page plans books and 20-minute agency presentation. The presentation is made by the team to the client and other national agency executive judges at the district conference in April. Winning teams advance to the semi-final round and eight are chosen as national conference presenters. Students serving on the AAF team must be members of the ORU AAF chapter and meet a minimum GPA requirement. Through successful participation, students earn six credit hours toward their degree program (three in the fall and three in the spring). Many students use their participation on the NSAC team to make national agency connections and apply to elite graduate programs.

### **Awards and Scholarships**

In recognition of scholarship, leadership, and ORU lifestyle commitment, the School of Communication and Public Affairs offers numerous awards:

**Outstanding Senior Awards:** awarded by the faculty to the top graduating senior in each major program within the school.

**Outstanding Senior Paper:** awarded by the faculty the school's best senior paper in all majors.

The school also offers specialized scholarship opportunities, contact the Chair for details:

Leshner Scholarship—available to convergence journalism majors in the fall semester.

Cinema/Television/Digital Media Talent Award—an award of \$500 to \$2,000 awarded to freshmen or transfer students choosing to major in Cinema/Television/Digital Media. Award is renewable for up to four years. Application includes submitting sample of previous media work.

### **Media Mastery Institute**

Application to this selective program includes (but is not limited to) the following criteria: (1) performance in previous production courses; (2) evaluation by previous Media faculty; (3) previous class attendance, participation and academic performance; (4) the student's entrance essay and interview; (5) the student's professional goals; (6) and, a willingness to commit to the discipline and rigorous schedule of the program.

program includes (but is not limited to) the following criteria: (1) performance in previous production courses; (2) evaluation by previous Media faculty; (3) previous class attendance, participation and academic performance; (4) the student's entrance essay and interview; (5) the student's professional goals; (6) and, a willingness to commit to the discipline and rigorous schedule of the program.

Students participating in the Media Mastery Institute receive intense (40 hours per week) hands-on experience for two semesters. Students develop competencies through theory and working on practical and creative projects, some for real world clients. These projects include audio, film, video, television and digital media productions. This also comprises an essential component of the church media specialist training.

There's an application fee of \$250, and a travel fee (approximately \$900) to cover the cost of long-distance field trips. Students are taught by faculty as well as industry professionals.

Students not selected to the Media Mastery Institute will continue their studies under the Bachelor of Science, Media Production major.

Students who transfer into ORU or who declare this area of concentration after 32 credit hours of college coursework may be required to spend additional semesters to complete the program.

### **Communication Major**

#### **Bachelor of Arts**

<b>General Education</b>	Credit Hours
Intro to Whole Person Educ (GEN 150)	1
English (COMP 102, 303)	6
Foreign language	6
Oral Communication (COM 101)	3
Biblical Literature	4
Theology (THE 104 and 105)	4
Laboratory Science (lecture and lab)	4
Mathematics (MAT 232 or 325)	3
Civics	3
Humanities	6
Social Science Elective	3
Scaffolding Interdisciplinary Courses	9
Health and Physical Education	4

General Education Total 56

#### **Major**

CAM 451	Communications Internship	3
COM 203	Interpersonal Communication	3
COM 300	Organizational Communication	3
COM 302	Advanced Public Speaking	3
COM 309	Argumentation and Persuasion	3
COM 342	Communication Theory	3
COM 425	Intercultural Communication	3
COM 499	Research & Senior Paper/Project	3

Choice of three of the following courses: 9

COM 322	Interviewing
COM 400	Debate and Forensics Team
COM 409	Gender and Family Communications
COM 410	Discussion and Conference Leadership
COM 412	Training and Development
COM 444	Advanced Interpersonal Communication
COM 446	Business and Professional Speech

Major Total 33

Minor 18

Electives 15

Degree Total 122

### **Communication Major**

#### **Bachelor of Science**

<b>General Education</b>	Credit Hours
Intro to Whole Person Educ (GEN 150)	1
English (COMP 102, 303)	6
Foreign language	3
Oral Communication (COM 101)	3
Biblical Literature	4

Theology (THE 104 and 105)	4
Laboratory Science (lecture and lab)	7
Mathematics (MAT 232 or 325)	3
Civics	3
Humanities	6
Social Science Elective	3
Scaffolding Interdisciplinary Courses	9
Health and Physical Education	4

General Education Total 56

#### **Major**

CAM 451	Communications Internship	3
COM 203	Interpersonal Communication	3
COM 300	Organizational Communication	3
COM 302	Advanced Public Speaking	3
COM 309	Argumentation and Persuasion	3
COM 342	Communication Theory	3
COM 425	Intercultural Communication	3
COM 499	Research & Senior Paper/Project	3

Choice of three of the following courses: 9

COM 322	Interviewing
COM 400	Debate and Forensics Team
COM 409	Gender and Family Communications
COM 410	Discussion and Conference Leadership
COM 412	Training and Development
COM 444	Advanced Interpersonal Communication
COM 446	Business and Professional Speech

Major Total 33

Minor 18

Electives 15

Degree Total 122

### **Global Studies Major**

#### **Bachelor of Arts**

<b>General Education</b>	Credit Hours
Intro to Whole Person Educ (GEN 150)	1
English (COMP 102, 303)	6
Foreign language	6
Oral Communication (COM 101)	3
Biblical Literature	4
Theology (THE 104 and 105)	4
Laboratory Science (lecture and lab)	4
Mathematics (MAT 232)	3
Civics (HIS 200)	3
Humanities	6
Social Science Elective	3
Scaffolding Interdisciplinary Courses	9
Health and Physical Education	4

General Education Total 56

#### **Major**

GOV 103	Intro to Comparative Politics	3
GOV 311	International Relations	3

GOV 449	Political Science Research Methods	3
IS 301	Global Perspectives in the Modern World	3
HHG 399	Department Internship/Practicum	3
IS 440	Global Issues	3
HHG 499	Department Senior Paper	3
Choice of three of the following courses:		9
BIB 358	Turkey Study Tour	
BUS 361	International Business	
ENG 310	World Literature	
ENG 317	Multicultural Literature	
EVR 201	Global Development and Sustainability	
GOV 369	Protocol and Diplomacy	
GOV 370	Area Studies	
GOV 381	American Foreign Policy	
GOV 391	International Political Economy	
HIS 490	DS: Cultural Geography	
HUM 333	Travel Studies	
IS 361	Foundations of ICD	
IS 370	Problems in ICD	
IS 391	Seminar in ICD	
SOC 308	Cultural Anthropology	

Major Total 30

#### **Concentration**

Students choose a concentration in one of the following three areas.

#### **Asian Studies**

Choice of three from the following: 9

HIS 381	Modern China and Japan
HIS 382	History of India and Southeast Asia
HIS 483	Contemporary Asia
HUM 333	Travel Studies: Asia
HUM 350	Area Studies (concentration specific)

Concentration Total 9

#### **Latin American Studies**

Choice of three from the following: 9

HIS 361	Colonial Latin America
HIS 362	Survey of Latin America
HIS 464	The Caribbean, Mexico, and Central America
HUM 333	Travel Studies: Latin America
HUM 350	Area Studies (concentration specific)

Concentration Total 9

#### **Middle Eastern**

Choice of three from the following: 9

BIB 358	Turkey Study Tour
BIB 401	Israel Study Trip
GOV	Middle East Politics <sup>1</sup>
HIS 371	Islamic Middle East

<sup>1</sup> The department determines course options for this requirement.

HIS 472	Twentieth Century Middle East	Cognate Total	6
HIS 473	Rise of Modern Israel	Minor or Electives	18
HUM 333	Travel Studies: Middle East	Electives	4
HUM 350	Area Studies (concentration specific)		
		Degree Total	120

Concentration Total	9
Modern Language Minor (corresponding with area of concentration)	18
Electives	7
Degree Total	120

### **International Community**

#### **Development Major**

##### **Bachelor of Arts**

<i>General Education</i>	Credit Hours
Intro to Whole Person Educ (GEN 150)	1
English (COMP 102, 303)	6
Foreign language	6
Oral Communication (COM 101)	3
Biblical Literature	4
Theology (THE 104 and 105)	4
Laboratory Science (lecture and lab)	4
Mathematics (MAT 232 or 325)	3
Civics (GOV 103)	3
Humanities	6
Social Science Elective	3
Scaffolding Interdisciplinary Courses	9
Health and Physical Education	4
General Education Total	56

##### **Major**

Political Science Core	12
GOV 201 Introduction to Political Science	
GOV 311 International Relations	
GOV 391 International Political Economy	
GOV 449 Political Science Research Methods	
International Studies Core	18
HHG 399 Department Internship/Practicum	
HHG 499 Department Senior Paper	
IS 340 Needs Assessment	
IS 341 Program Evaluation	
IS 361 Foundations of ICD	
IS 460 Conflict Resolution and Analysis	
Choose two of the following courses:	6
GOV 341 Public Administration	
IS 365 Disaster Relief	
IS 370 Problems in ICD	
IS 391 Seminar in ICD	
Major Total	36

##### **Cognate**

Choice of two of the following:	6
ACT 215 Principles of Financial Accounting I	
ELL 413 Cross Cultural Communication	
HIS 490 DS: Cultural Geography	
WRT 430 Grant Writing	

### **International Relations Major**

#### **Bachelor of Arts**

<i>General Education</i>	Credit Hours
Intro to Whole Person Educ (GEN 150)	1
English (COMP 102, 303)	6
Foreign language	6
Oral Communication (COM 101)	3
Biblical Literature	4
Theology (THE 104 and 105)	4
Laboratory Science (lecture and lab)	4
Mathematics (MAT 232)	3
Civics (GOV 101)	3
Humanities	6
Social Science Elective	3
Scaffolding Interdisciplinary Courses	9
Health and Physical Education	4
General Education Total	56

##### **Major**

GOV 103 Intro to Comparative Politics	3
GOV 201 Introduction to Political Science	3
GOV 311 International Relations	3
GOV 369 Protocol and Diplomacy	3
GOV 381 American Foreign Policy	3
GOV 391 International Political Economy	3
GOV 449 Political Science Research	3
HHG 399 Department Internship/Practicum	3
HHG 499 Department Senior Paper	3
Choice of three courses from the following*:	9
GOV 335 Christian Faith and Government: Theory	
GOV 461 Public Policy Analysis	
GOV 488 Model United Nations	
IS 340 Needs Assessment	
IS 341 Program Evaluation	
IS 440 Global Issues	
IS 460 Conflict Resolution and Analysis	
IS 361 Foundations in ICD	
IS 365 Disaster Relief	
Major Total	36

##### **Cognate**

Choice of one of the following courses:	3
ELL 413 Cross Cultural Communication	
HIS Any World History Course	
WRT 430 Grant Writing	

Cognate Total	3
Minor or Electives	18
Electives	7

Degree Total	120
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### **Leadership Studies Major**

#### **Bachelor of Science**

<i>General Education</i>	Credit Hours
Intro to Whole Person Educ (GEN 150)	1
English (COMP 102, 303)	6
Foreign language	3
Oral Communication (COM 101)	3
Biblical Literature	4
Theology (THE 104 and 105)	4
Laboratory Science (lecture and lab)	4
Science (BIO 105 or a second lab science)	3
Mathematics (MAT 232)	3
Civics	3
Humanities	6
Social Science Elective	3
Scaffolding Interdisciplinary Courses	9
Health and Physical Education	4
General Education Total	56

##### **Major**

CHRM 302 Christian Leadership	3
COM 300 Organizational Communication	3
COM 410 Discussion/Conference Leadership	3
COM 412 Training and Development	3
COM 446 Business and Professional Speech	3
GOV 341 Public Administration	3
GOV 369 Protocol and Diplomacy	3
GOV 461 Public Policy Analysis	3
HHG 399 Practicum	3
HHG 499 Senior Paper/Project	3
IS 340 Needs Assessment	3
WRT 430 Grant Writing	3

Major Total	36
Minor or Electives	18
Electives	10

Degree Total	120
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### **Political Science Major**

#### **Bachelor of Arts**

<i>General Education</i>	Credit Hours
Intro to Whole Person Educ (GEN 150)	1
English (COMP 102, 303)	6
Foreign language	6
Oral Communication (COM 101)	3
Biblical Literature	4
Theology (THE 104 and 105)	4
Laboratory Science (lecture and lab)	4
Mathematics (MAT 232)	3
Civics (GOV 101)	3
Humanities	6
Social Science Elective	3
Scaffolding Interdisciplinary Courses	9
Health and Physical Education	4
General Education Total	56

##### **Major**

GOV 103 Introduction to Comparative Politics	3
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GOV 201	Introduction to Political Science	3		General Education Total	50
GOV 331	Western Political Theory	3	<b>Major</b>		
GOV 335	Christian Faith/Government: Theory	3	ADV 216	Advertising Fundamentals & Design	3
GOV 449	Political Science Research Methods	3	ADV 221	Branding, Promotions & Storytelling	3
HHG 399	Department Internship/Practicum	3	ADV 320	Communications Research	3
HHG 499	Department Senior Paper	3	ADV 421	Media Planning	3
Choose three hours of the following:		3	CAM 451	Communications Internship	3
GOV 321	Legislative Process		COM 302	Advanced Public Speaking	3
GOV 323	American Political Leadership		JRN 107	Newswriting I	3
GOV 451	Constitutional Law		JRN 321	Media Law and Ethics	3
Choose three hours of the following:		3	MMC 104	Media and Pop Culture	3
GOV 311	International Relations		PRP 225	Principles of Public Relations and Engaging Media	3
GOV 322	Political Parties and Elections		PRP 327	Social Media Management	3
GOV 452	Civil Liberties, Civil Rights, & Social Justice		PRP 428	Public Relations Case Studies	3
Choose three hours of the following:		3	Choice of one of the following:		3
GOV 487	Oklahoma Intercollegiate Legislature (1-3 hours)		MMC 489	Campaign Strategies	
GOV 488	Model United Nations (1-3 hours)		MMC 489	Campaign Strategies-NSAC Team	
IS 460	Conflict Resolution and Analysis		Choice of one of the following:		2
Choose three hours of the following:		3	PRP 217	Workshop: Public Relations	
GOV 341	Public Administration		PRP 213	Workshop: Publications	
GOV 381	American Foreign Policy		Choice of one of the following:		3
GOV 461	Public Policy Analysis		ADV 499	Senior Research Project	
IS 340	Needs Assessment		PRP 499	Senior Research Paper	
IS 341	Program Evaluation				
IS 365	Disaster Relief		Major Total		44
GOV/IS	Electives	6	<b>Cognate</b>		
Major Total		39	ART 365	Digital Photography	3
Minor or Electives		18	INT 101	Digital Composition	3
Electives		7	Choice of one of the following:		3
Degree Total		120	INT 200	Web Design	
			TVF 232	Field Production and Editing	
			Choice of one of the following:		1
			TVF 116	Workshop: Production Equipment	
			JRN 214	Workshop: Newspaper	
			Cognate Total		10
			Electives <sup>2</sup>		16
			Degree Total		120

### **Public Relations and Advertising**

#### **Major**

##### **Bachelor of Science**

<b>General Education</b>	Credit Hours
Intro to Whole Person Educ (GEN 150)	1
English (COMP 102, 303)	6
Foreign language	3
Oral Communication (COM 101)	3
Biblical Literature	4
Theology (THE 104 and 105)	4
Laboratory Science (lecture and lab)	7
Mathematics (MAT 232 or 325)	3
Civics	3
Humanities	6
Social Science Elective	3
Scaffolding Interdisciplinary Course <sup>1</sup>	3
Health and Physical Education	4

<sup>1</sup> Requires COM 401 Communication Ethics or other 300- and/or 400-level GEN-designated course.

<sup>2</sup> Accrediting standards require PRAD students to have earned 72 hours outside of

the major. Courses in ADV, CAM, JRN, PRP, MMC, or TVF may not be applied to the minimum 72 hours designated as non-major courses.

<sup>3</sup> With approval of a communication advisor

#### **Option 2**

National Competition Team 6

Students who apply and are accepted to ORU's National Student Advertising team may earn six hours towards the advertising minor and would take these two classes in adjacent fall and spring semesters:

ADV 499 Senior Research Project  
MMC 489 Campaign Strategies

Minor Total 18

#### **Communication Minor**

COM 203	Interpersonal Communication	3
COM 300	Organizational Communication	3
COM 302	Advanced Public Speaking	3
COM 309	Argumentation & Persuasion: Theory and Practice	3
COM 342	Communication Theory	3
COM Elective <sup>3</sup>		3

Minor Total 18

#### **Human Resources Development Minor**

This minor has two tracks, depending on whether or not the student is majoring in communication.

##### **For Communication Majors**

COM 412	Training and Development	3
COM 446	Business and Professional Speech	3
MGT 130	Principles of Management	3
MGT 352	Organizational Behavior	3
MGT 353	Human Resource Management	3
COM	Elective	3

Minor Total 18

##### **For Non-Communication Majors**

COM 300	Organizational Communication	3
COM 412	Training and Development	3
COM	Elective <sup>4</sup>	3
MGT 130	Principles of Management	3
MGT 353	Human Resource Management	3
Choice of one of the following courses:		3
COM 322	Interviewing	
COM 446	Business and Professional Speech	

Minor Total 18

#### **Convergence Journalism Minor**

JRN 101	Introduction to Journalism	3
JRN 107	Newswriting I	3
JRN 207	Newswriting II	3
TVF 408	Broadcast News	3
TVF 409	Broadcast News lab	1
Choice of one of the following:		3
JRN 317	Investigative Reporting	

<sup>4</sup> or related human resource course from psychology, sociology, or business. With approval of Communication advisor.

JRN 444	Feature Writing	
Choice of two of the following workshops: 2		
JRN 214	Workshop: Newspaper	
TVF 215	Workshop: News/Anchoring	
TVF 216	Production Experience: Video Equipment	
TVF 218	Workshop: KORU Radio	

Minor Total	18
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### **International Community**

#### **Development Minor**

GOV 103	Introduction to Comparative Politics	3
IS 361	Foundations of ICD	3
Choice of four of the following: 12		
GOV 201	Introduction to Political Science	
GOV 391	International Political Economy	
IS 340	Needs Assessment	
IS 341	Program Evaluation (IS 340 prerequisite)	
IS 365	Disaster Relief	
IS 370	Problems in ICD	
IS 391	Seminar in ICD	
IS 460	Conflict Resolution and Analysis	

Minor Total	18
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#### **International Relations Minor**

GOV 103	Introduction to Comparative Politics	3
GOV 201	Introduction to Political Science	3
GOV 311	International Relations	3
Choice of three of the following:		
GOV 369	Protocol and Diplomacy	
GOV 370	Area Studies	
GOV 381	American Foreign Policy	
GOV 391	International Political Economy	
GOV 479	Readings in Government	
GOV 488	Model United Nations	
HIS	Any World History Course	

Minor Total	18
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#### **Political Science Minor**

GOV 101	American Government and Politics	3
GOV 103	Introduction to Comparative Politics	3
GOV 201	Introduction to Political Science	3
GOV	Electives	9

Minor Total	18
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#### **Pre-Law Minor**

Choice of 18 hours from the following. 18		
BUS 325	Business Law I	
BUS 326	Business Law II	
COM 309	Argumentation and Persuasion	
COM 400	Debate and Forensic Team	
GOV 299	Introduction to Law	
GOV 450	American Jurisprudence	
GOV 451	American Constitutional Law	

GOV 452	Civil Liberties, Civil Rights, and Social Justice	
GOV 453	Criminal Law and Procedure	
GOV 454	Legal Policy and Process (online only)	
GOV 455	Trial Advocacy	
GOV 457	International Law	
GOV 458	Legal Skills Internship	
GOV 459	Legal Research and Writing	
GOV 487	O.I.L. Internship	

Minor Total	18
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#### **Public Relations Minor**

JRN 107	Newswriting I	3
PRP 213	Workshop: Publications	2
PRP 225	Principles of Public Relations And Engaging Media	3
PRP 428	Public Relations Case Studies	3

#### **Option 1**

Choice of two of the following classes:	6
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ADV 221	Branding, Promotions & Storytelling	
ADV 320	Communication Research	
PRP 327	Social Media Management	

#### **Option 2**

National Competition Team	6
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Students who apply and are accepted to ORU's National Student Advertising team may earn six hours towards the public relations minor and would take these two classes in adjacent fall and spring semesters:

ADV 499	Senior Research Project	
MMC 489	Campaign Strategies	

Minor Total	17
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#### **Departmental Courses**

##### **Advertising**

ADV 211	Workshop: Advertising	
ADV 216	Advertising Fundamentals and Design	
ADV 221	Branding, Promotions and Storytelling	

ADV 320	Communication Research	
ADV 421	Media Planning	
ADV 416	Advertising Layout and Design	
ADV 499	Senior Research Project	
ADV 999	Advertising Elective	

##### **Communication Arts**

CAM 451	Communications Internship	
CAM 453	Directed Study and Research	
CAM 999	Communication Arts Elective	

##### **Communication**

COM 101	Oral Communication	
COM 102	Voice, Diction, and Phonetics	
COM 110	Teaching Communication Arts	
COM 202	Competitive Speaking	
COM 203	Interpersonal Communication	
COM 251	Organizational and Interpersonal Seminar	

COM 300	Organizational Communication	
COM 302	Advanced Public Speaking	
COM 309	Argumentation and Persuasion: Theory and Practice	
COM 315	Forensics, Debate, and Tournament Directing	
COM 322	Interviewing	
COM 342	Communication Theory	
COM 400	Debate and Forensics Team	
COM 401	Communication Ethics	
COM 409	Gender and Family	
COM 410	Conference Leadership/Event Planning	
COM 412	Training and Development	
COM 425	Intercultural Communication	
COM 444	Advanced Interpersonal Communication	
COM 446	Business and Professional Speech	
COM 498	Senior Paper Preparation	
COM 499	Research and Senior Paper/Project	
COM 999	Communication Elective	

##### **Digital Communication**

DCM 100	Digital Society	
DCM 101	Digital Composition	
DCM 107	Digital Newswriting	
DCM 130	Digital Photography	
DCM 140	Digital Storytelling	
DCM 200	Web Design	
DCM 205	Cross-Platform Writing	
DCM 320	Communication Research	
DCM 321	Media Law and Ethics	
DCM 327	Social Media Management	
DCM 421	Media Markets	
DCM 498	Capstone Preparation	
DCM 499	Capstone Project	

##### **General Studies**

GEN 322	Leading through Disaster	
GEN 332	Campaigns and Elections	
GEN 343	Middle East Today	
GEN 401	Communication Ethics	
GEN 430	Peace Building, Communication and Culture	

##### **Graduate Leadership**

GLDR 502	Graduate Orientation	
GLDR 503	Empowered Leadership	
GLDR 513	Leadership Theory and Skills	
GLDR 523	Organizational Culture and Change	
GLDR 533	Leading Innovation and Tech	
GLDR 543	Ethical Leadership and Governance	
GLDR 553	Thought and Sector Leadership	
GLDR 593	Capstone Project	
GLDR 595	Capstone Presentation	
GLDR 603	Human Capital and Talent Development	
GLDR 613	Leading Global Teams	
GLDR 623	Strategic Foresight and Planning	
GLDR 683	Special Topics	

**Government**

GOV 101	American Government and Politics
GOV 103	Introduction to Comparative Politics
GOV 201	Introduction to Political Science
GOV 299	Introduction to Law
GOV 305	Comparative Government
GOV 311	International Relations
GOV 321	Legislative Process
GOV 322	Political Parties and Elections
GOV 323	American Political Leadership
GOV 331	Western Political Theory
GOV 335	Christian Faith and Government: Theory
GOV 336	Christian Faith and Government: Practice
GOV 341	Public Administration
GOV 342	Public Service Leadership
GOV 369	Protocol and Diplomacy
GOV 370	Area Studies
GOV 381	American Foreign Policy
GOV 391	International Political Economy
GOV 449	Political Science Research Methods
GOV 450	American Jurisprudence
GOV 451	American Constitutional Law
GOV 452	Civil Liberties, Civil Rights, and Social Justice
GOV 453	Criminal Law and Procedure
GOV 454	Legal Policy and Process
GOV 455	Trial Advocacy
GOV 457	International Law
GOV 458	Legal Skills Internship
GOV 459	Legal Research and Writing
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
GOV 999	Government Elective

**History/Humanities/Government**

HHG 399	Department Internship/Practicum
HHG 499	Department Senior Paper

**International Studies**

IS 301	Global Perspectives of the Modern World
IS 340	Needs Assessment
IS 341	Program Evaluation
IS 350	Internship in International Studies
IS 361	Foundations of International/Community Development
IS 365	Disaster Relief
IS 370	Problems in International/Community

IS 391	Development Seminar in International/Community Development
IS 440	Global Issues
IS 460	Conflict Analysis and Resolution
IS 462	Needs Assessment/Program Evaluation
IS 499	Senior Seminar and Paper
IS 999	International Studies Elective

**Journalism**

JRN 101	Introduction to Journalism
JRN 107	Newsriting I
JRN 108	Newsriting I Lab
JRN 205	Writing for the Media
JRN 207	Newsriting II
JRN 214	Workshop: Newspaper
JRN 215	Workshop: Newsgathering
JRN 222	Digital Journalism
JRN 305	News Editing
JRN 317	Investigative Reporting
JRN 321	Media Law and Ethics
JRN 332	Journalism Seminar
JRN 344	Feature Writing and Producing
JRN 355	Field Journalism
JRN 408	Broadcast News
JRN 417	Investigative Reporting
JRN 444	Feature Writing
JRN 455	Journalism Capstone
JRN 499	Senior Research Project
JRN 999	Journalism Elective

**Leadership Studies**

LDR 399	Leadership Studies Practicum
LDR 499	Senior Paper in Leadership Studies
LDR 999	Leadership Studies Elective

**Public Relations**

PRP 213	Workshop: Publications
PRP 217	Workshop: Public Relations
PRP 225	Principles of Public Relations and Engaging Media
PRP 327	Social Media Management
PRP 428	Public Relations Case Studies
PRP 499	Senior Research Project
PRP 999	Public Relations Elective

**School of Liberal Arts**

David Farnsworth, M.A., Chair

**Mission Statement:** To develop Spirit-Empowered Leaders through whole person education in the broad fields of art and the liberal arts.

**Overview**

Skill and understanding of language and culture is a prerequisite in almost any occupation or profession. Familiarity with art, history, literature, as well as sound writing and speaking skills, is an essential part of a liberal arts education. Students graduating with a liberal arts major have a solid foundation for careers in a variety of

fields. Teaching, journalism, government, law, library science, theology, and missions all require individuals with competency in the liberal arts.

**General Education Courses****Civics Courses**

All ORU students are required to complete at least 3 hours of coursework in civics. All HIS civics elective courses are housed by the School of Liberal Arts.

**Composition Courses**

All ORU students pursuing any bachelor's degree are required to pass COMP 102 and 303 or transfer equivalent courses from other universities. COMP 102 is intended to be taken during the freshman or sophomore year and is the prerequisite for COMP 303, which needs to be taken in the spring of the junior year or any semester of the senior year.

The prerequisite for COMP 102 is one of the following:

- a SAT Verbal score of 27-33;
- an ACT English score of 22-27;
- a TOEFL score of at least 550 on the written exam;
- completion of COMP 101 with at least a "C"; or
- 70% on ORU placement exam (available only for students without test scores or COMP 101 grades).

Honors sections of the general education courses (COMP 102 and 303) are required for students with high ACT or SAT scores (ACT English score of 28 or higher or an SAT Verbal score of 34 or higher). Students who have satisfactorily passed the COMP 102 honors course must take COMP 303 honors or substitute an upper division English course for COMP 303 requirement. Students with high SAT or ACT scores and who received AP credit for COMP 102 must take COMP 303 Honors instead of an upper division English course.

**Humanities Courses**

All ORU students are required to complete at least 6 hours of coursework in the humanities. All HUM courses and many humanities electives are housed by the School of Liberal Arts.

**Modern Foreign Language Courses**

The foreign language requirement for students pursuing a BA degree is a minimum of six credit hours of the same language. For other degree programs (BMus, BFA, BS, BSN, and BSW), the foreign language requirement is a minimum of three credit hours. Students beginning at the 101 or 102 level may exceed the minimum number of required hours because those courses are four credit hours

each. Please contact the School of Liberal Arts for more information. American Sign Language cannot be used to fulfill the ORU language requirement.

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, in which students can test-out of lower level courses and receive credit toward a minor in a foreign language. Students wishing to count the following classes toward a major/minor need to enroll in the test-out classes. The 101 level of foreign language does not apply towards fulfilling the requirements for a foreign language minor. A minimum grade of "C" must be achieved in a foreign language course before the next level is taken.

Arabic:	101, 102, 203 or 204
Chinese:	101, 102, 203 or 204
French:	101, 102, 203 or 204
Hebrew:	101, 102, 203 or 204
Spanish:	101, 102, 203 or 204

International students matriculating in a bachelor's 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.

### **Degree Programs**

The School of Liberal Arts offers 6 majors and 13 minors.

### **Majors**

#### ***Art (B.A.)***

The ORU art program recognizes the study of art is an expression of an individual's beliefs and endeavors to nurture each student's creativity, ability and call to be a Christian. Students receive a foundation blending creative experiences with a basic knowledge of art past and present. Students selecting this degree will receive a broad range of general studies in art and design disciplines. The primary focus of the B.A. is to give a breadth of general studies in the arts and humanities with little to no specialization.

#### ***Art (B.F.A.)***

The Bachelor of Fine Arts (BFA) in Art degree offers a professional undergraduate degree in three specializations: Art Education, Graphic Design and Studio art. The curriculum is structured to provide in-depth, formal education that will assist in preparing students for entry into the classroom, professional practice or graduate school. The BFA in Art includes a common foundations program of art theory, practice and history followed with concentrated instruction within the chosen specialization. Students complete the degree by demonstrating competency through professional experience within the field and presentation of a concluding exhibition. The specialization programs strive to follow the guidelines established by the National Association of Schools of Art and Design (NASAD).

#### **Art Education Specialization**

Art Education students balance considerable time developing professional art skills while learning educational theory and practice. This greater emphasis on art disciplines and skills is rare in education degrees in Oklahoma and the United States. The curriculum not only prepares students for certification by the state of Oklahoma in K-12 education or certification testing in other states, if required, but also skills central to professional artistic practice.

#### **Graphic Design Specialization**

Design students develop strategies and skills to address appropriate visual and experiential communication solutions incorporating context, discerning complexity, designing with and for people, applying technology and developing research. The intellectual and aesthetic principles of the program address a wide range of current media forms, while preparing students to utilize emerging technology and design strategies as the industry continues to grow in the future.

#### **Studio Art Specialization**

Studio Art students study various artistic processes to develop the next generation of Spirit-filled artists. Students pursue the creative act as an intense engagement of God's world, often revealing hidden, challenge facades and open audiences to a fuller awareness of being. Degree candidates develop a personal voice and understanding of their role as artists in the contemporary world. The structure of the curriculum provides a foundation in all disciplines and lets the student choose a 2-d or 3-d discipline to focus their upper division coursework, with preparation to enter into a professional artistic practice or graduate school.

#### ***History (B.A.)***

Each student majoring in history chooses three of four areas that provide an integrated, focused-area degree, selected to prepare him or her 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 major can provide that understanding.

#### ***Liberal Studies (B.S.)***

This major is designed to facilitate degree completion for students with multiple areas of interest in the tradition of a liberal arts education. Students must have at least 45 credit hours completed in order to declare this major. To graduate, students must meet the minimum graduation requirements, General Education requirements, and complete at least 30 hours in upper division coursework (300 and 400 Level courses), including a Senior Paper/Project.

#### ***Translation and Interpreting (B.A.)***

For students with strong language skills, this major begins the process of professional preparation for a career in translation and interpreting, with a focus on translating from their native language into the foreign language. Students will be introduced to translation theory, consecutive and simultaneous interpreting and the tools of the trade. They will have the opportunity to apply their skills in service learning within the community and in other real world scenarios. Students will be prepared for work in such fields as education, government, industry, NGO's and faith-based organizations, freelance translation or for graduate programs in translation and interpreting.

Students are encouraged to take elective courses in a wide variety of subjects. Students seeking a career as professional translators or interpreters will want to build a solid foundation and match standard international requirements, which often consist of two or more operational languages. Therefore, it is strongly recommended that students pursue a minor in another language (Arabic, Chinese, French, Modern Hebrew or Spanish).

#### ***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. This degree can be completed in three years by following the degree-in-three plan sheet. More information is available from the English and Modern Languages Department.

### **Minors**

The School of Liberal Arts also offers the following minors: Arabic, Art, Chinese, English Literature, French, Graphic Design, Hebrew, History, Humanities, Liberal Studies, Preprofessional English, Spanish, and Writing.

### **Clubs and Organizations**

- AIGA – the professional association for design
- C.S. Lewis and the Inklings Club
- Le Cercle Francais (**The French Club**)
- ORU Artist Club
- ORU English Club
- The Art Directors Club of Tulsa
- The Hebrew Culture Club
- The Spanish Club

### **Special Programs and Opportunities**

#### **Art**

Art 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
- Students explore industry careers with on-campus and virtual speakers, field trips and through regional and national conference attendance.

#### **Study Abroad Program**

It is recommended that all foreign language majors participate in a study-abroad program, often conducted during their junior year. Students should work closely with their academic advisor to set up a program for studying 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; however, 12 to 15 hours and 9 hours during the summer can typically be transferred from one semester of study abroad. 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 International Student Center, which oversees the Study Abroad Program.

#### **Summer Travel Study**

Summer travel study (e.g., China, Costa Rica, France, and Spain) 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 International Student Center.

#### **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 translation/interpreting and writing majors, and an option for writing minors, is to complete an 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. Internships are also available for foreign languages.

#### **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.

Scholarships are available to help cover the workshop fee.

#### **Walden Weekend**

During one weekend in the fall semester, students have the opportunity to go to Myers Cabin, an ORU-affiliated retreat facility located in the woods of northeastern Oklahoma, approximately an hour and a half east of Tulsa. There students can relax, read, write, and hike in the manner of Henry Thoreau.

### **Awards and Scholarships**

In recognition of scholarship, leadership, and ORU lifestyle commitment, the School of Liberal Arts annually honors outstanding students by the presentation of the following awards:

- Outstanding Senior Awards: One award is given to the outstanding senior in each major.
- Outstanding School Senior: The names of the students winning the Outstanding Senior Awards are submitted for the Outstanding School Senior Award.
- Outstanding Senior Paper/Project: This recognizes the department's best senior research project. The winner of this award participates in ORU's Outstanding Research display in the spring.
- Grady Walker Alumni Award: This \$300 to \$500 award, given 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.
- The Peggy Null Research Award: This \$500 to \$750 award is given to one or two English literature or writing majors who have conducted excellent research in their academic papers.
- The Spanish Club Study Abroad Award: This \$100 to \$500 award is given to Spanish majors and minors toward a study abroad semester or summer in a Spanish-speaking nation.
- The Visual Art Student of the Year is awarded to an art student with specialization in studio art, graphic design, or art education, as determined by the art faculty.
- The Warren and Eileen Straton Memorial Scholarship is awarded to a sophomore or junior art student with specialization in studio art, graphic design, or art education.
- The Charles Ramsay Sr. Memorial Scholarship is awarded to a sophomore or junior Visual Arts major.

- Quest Talent Scholarships – Visual Arts Students: Scholarships are awarded for up to 20 visual arts majors and are renewable each year. New and returning students are eligible to apply through a formal application process.

### **Art Major**

#### **Bachelor of Arts**

<b>General Education</b>	Credit Hours
Intro to Whole Person Educ (GEN 150)	1
English (COMP 102, 303)	6
Foreign language	6
Oral Communication (COM 101)	3
Biblical Literature	4
Theology (THE 104 and 105)	4
Laboratory Science (lecture and lab)	4
Mathematics (MAT 232 or 325)	3
Civics <sup>1</sup>	3
Humanities <sup>2</sup>	6
Social Science Elective	3
Health and Physical Education	4
<b>General Education Total</b>	<b>56</b>

#### **Major**

ART 101	Fundamentals of Art I	3
ART 102	Fundamentals of Art II	3
ART 103	Art History Survey I	3
ART 104	Art History Survey II	3
ART 107	Digital Fundamentals	3
ART 108	Survey of Non-Western Art History	3
ART 213	Drawing	3
ART 214	Figure Drawing	3
ART 218	Graphic Design I	3
ART 307	Art History Survey III	3
ART 328	Graphic Design History	3
ART 365	Digital Photography	3
ART 461	Senior Paper	3
Choice of one of the following classes:		3
ART 201	Ceramics I	
ART 203	Painting I	
ART 204	Printmaking I	
Choice of one of the following classes:		3
ART 202	Sculpture I	
ART 331	Illustration	
<b>Major Total</b>		<b>45</b>
<b>Electives Total</b>		<b>19</b>
<b>Degree Total</b>		<b>120</b>

### **Art Major**

#### **Bachelor of Fine Arts**

<sup>1</sup> Choose from GOV 101, HIS 110 or HIS 111.

<sup>2</sup> Art Education concentration second Humanities must be ART 103 which must be completed with a minimum grade of 'C'.

All students who want to pursue this major are considered candidates through their first year. At the end of the first year, candidates must go through a portfolio/interview process in order to be accepted. Students in this major choose one of the following concentrations: Art Education; Graphic Design; Studio Art

<b>General Education</b>	Credit Hours
Intro to Whole Person Educ (GEN 150)	1
English (COMP 102)	3
Foreign language	3
Oral Communication (COM 101)	3
Biblical Literature	4
Theology (THE 104 and 105)	4
Laboratory Science (lecture and lab)	4
Mathematics (MAT 232 or 325)	3
Civics <sup>1</sup>	3
Humanities <sup>2</sup>	6
Social Science Elective	3
Health and Physical Education	4
<b>General Education Total</b>	<b>41</b>

#### **Art Core**

ART 101	Fundamentals of Art I	3
ART 102	Fundamentals of Art II	3
ART 103	Art History Survey I <sup>3</sup>	3
ART 104	Art History Survey II	3
ART 107	Digital Fundamentals	3
ART 108	Survey of Non-Western Art History	3
ART 213	Drawing	3
ART 307	Art History Survey III	3
ART 499	Senior Project	3
<b>Art Core Total<sup>4</sup></b>		<b>27</b>

#### **Art Education Specialization**

The art education specialization 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.

<sup>3</sup> ART 103 is taken in the general education section by Art Education concentration students, and not in the Art Core.

<sup>4</sup> Art Core total for students pursuing the Art Education concentration is 24 hours

ART 090	BFA Portfolio Review	0
ART 095	BFA Progress Review	0
ART 106	Elementary and Secondary Methods and Evaluation <sup>5</sup>	6
ART 201	Ceramics I	3
ART 202	Sculpture I	3
ART 203	Painting I	3
ART 204	Printmaking I	3
ART 214	Figure Drawing	3
ART 222	Crafts	3
ART 301	Ceramics II	3
ART 302	Sculpture II	3
ART 303	Painting II	3
ART 333	Watercolor	3
ART 365	Digital Photography	3
PED 100	Education Seminar (every semester)	0
PED 131	Pre-clinical I – Intro	1
PED 203	Foundations and Methods of Educ.	3
PED 222	School Health Care	1
PED 305	Pedagogy I	4
PED 306	Pedagogy II	4
PED 361	Prof. Education Seminar/Portfolio	1
PED 475	Intern/Student Teaching: Elem	5
PED 495	Intern/Student Teaching: 10-125	

Art Education Specialization Total 63

Degree Total 128

#### **Graphic Design Specialization**

ART 090	BFA Portfolio Review	0
ART 095	BFA Progress Review	0
ART 205	Typography	3
ART 214	Figure Drawing	3
ART 218	Graphic Design I	3
ART 318	Graphic Design II	3
ART 328	Graphic Design History	3
ART 331	Illustration	3
ART 335	Graphic Design III	3
ART 355	Graphic Design Studio <sup>6</sup>	6
ART 365	Digital Photography	3
ART 378	Motion Design <sup>7</sup>	6
ART 412	Graphic Design IV	3
ART 442	Web Design <sup>Error! Bookmark not defined.</sup>	6
ART 453	Practicum Infield Study	3
ART	Elective	3

Graphic Design Spec. Total Electives 51

Degree Total 120

<sup>5</sup> ART 106 is taken three times for 2 credit hours

<sup>6</sup> ART 355 is taken for four times at 1.5 credit hours each time.

<sup>7</sup> Taken two times each at 3.0 credit hours.

**Studio Art Specialization**

ART 090	BFA Portfolio Review	0
ART 095	BFA Progress Review	0
ART 201	Ceramics I	3
ART 202	Sculpture I	3
ART 203	Painting I	3
ART 204	Printmaking I	3
ART 214	Figure Drawing	3
ART 306	Art and Professionalism	3
ART 311	Contemporary Forms	3
ART 365	Digital Photography	3
ART 454	Studio Art Internship	3
Choice of eight of the following courses:		24
ART 301	Ceramics II	
ART 302	Sculpture II	
ART 303	Painting II	
ART 304	Printmaking II	
ART 314	Drawing III	
ART 331	Illustration	
ART 333	Watercolor	
ART 371	Ceramics III	
ART 372	Sculpture III	
ART 373	Painting III	
ART 374	Printmaking III	
ART 383	Drawing IV	
ART 393	Illustration II	
ART 395	Digital Photography II	
Studio Art Specialization Total		51
Electives		1

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Degree Total 120
**History Major****Bachelor of Arts**

<b>General Education</b>		Credit Hours
Intro to Whole Person Educ (GEN 150)		1
English (COMP 102, 303)		6
Foreign language		6
Oral Communication (COM 101)		3
Biblical Literature		4
Theology (THE 104 and 105)		4
Laboratory Science (lecture and lab) <sup>1</sup>		4
Mathematics (MAT 232)		3
Civics <sup>2</sup>		3
Humanities		6
Social Science Elective <sup>3</sup>		3
Scaffolding Interdisciplinary Courses <sup>4</sup>		9
Health and Physical Education <sup>5</sup>		4
General Education Total		56

**Major<sup>6</sup>**

HIS 201	Historiography	3
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HIS 351	Evangelical and Charismatic Christianity in America	3
HHG 399	Department Internship/Practicum	3
HHG 499	Department Senior Paper	3
HIS	Area Studies	27
Major Total		39

**U.S. Area (Choice of 3 of the following):**

HIS 340	Colonial America to Early National	
HIS 343	Civil War & Reconstruction	
HIS 344	Early Modern US	
HIS 345	US since 1929	

**Europe Area (All three courses must be taken if this area is chosen)**

HIS 323	Middle Ages & Reformation	
HIS 324	Modern Europe, 1815 to Present	
HIS 425	Eastern European History	

**Latin America Area (All three courses must be taken if this area is chosen)**

HIS 361	Colonial Latin America	
HIS 362	Survey of Latin America	
HIS 464	Caribbean, Mexico, & Central America	

**Asia/Middle East Area (Choice of 3 of the following):**

HIS 371	Islamic Middle East	
HIS 372	Ancient Near East	
HIS 381	China & Japan Survey	
HIS 382	India & Southeast Asia	
HIS 472	20th Century Middle East	
HIS 473	Rise of Modern Israel	
HIS 490	DS: Cultural Geography	

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Minor and/or Electives<sup>7</sup> 18  
Electives 7

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Degree Total 120
**Liberal Studies Major****Bachelor of Science**

<b>General Education</b>		Credit Hours
Intro to Whole Person Educ (GEN 150)		1
English (COMP 102, 303)		6
Foreign language		3
Oral Communication (COM 101)		3
Biblical Literature		4
Theology (THE 104 and 105)		4
Laboratory Science (lecture and lab)		4
Science (BIO 105 or a second lab science)		3

Mathematics (MAT 232)	3
Civics	3
Humanities	6
Social Science Elective	3
Scaffolding Interdisciplinary Courses	9
Health and Physical Education	4
General Education Total	<hr/> 56

**Major<sup>8</sup>**

Upper Division Courses (Major Electives 300-400 level courses)		27
Senior Paper/Project		3
Major Total		30
Minor/Electives		18
Electives		16
Degree Total		120

**Translation and Interpreting Major****Bachelor of Arts**

<b>General Education</b>		Credit Hours
Intro to Whole Person Educ (GEN 150)		1
English (COMP 102, 303)		6
Oral Communication (COM 101)		3
Biblical Literature		4
Theology (THE 104 and 105)		4
Laboratory Science (lecture and lab)		4
Mathematics (MAT 232 or 325)		3
Civics		3
Humanities <sup>6</sup>		6
Social Science Elective		3
Scaffolding Interdisciplinary Courses		9
Health and Physical Education		4
General Education Total		50

**Major**

INTR 321	Beginning Interpreting	3
INTR 331	Intermediate Interpreting	3
INTR 441	Advanced Interpreting	3
TRNS 310	Intro to Translation & Interpreting	3
TRNS 321	Beginning Translation	3
TRNS 331	Intermediate Translation	3
TRNS 441	Advanced Translation	3
TRNS 499	Senior Paper/Project	3
Choice of one of the following:		3
FRE 204	Intermediate French II	
SPA 204	Intermediate Spanish II	
Choice of one of the following:		3
FRE 301	Phonetics and Conversation	
SPA 301	Phonetics and Conversation	
Choice of one of the following:		3
FRE 302	French Composition	

<sup>1</sup> Students pursuing a concentration in prof. education are required to complete an additional science lecture and lab.

<sup>2</sup> Students with no concentration choose from HIS 110, HIS 111, or HIS 200. Students pursuing a concentration in prof. education must enroll in GOV 101.

<sup>3</sup> Students pursuing a concentration in prof. education must enroll in SOC 323

<sup>4</sup> Students pursuing a concentration in Prof. education are not required to complete this requirement.

<sup>5</sup> Students pursuing a concentration in professional education must complete HPE 007

<sup>6</sup> Students pursuing the Prof. Education concentration complete different major requirements.

<sup>7</sup> Students who complete a minor will have their elective credits reduced to seven.

<sup>8</sup> Students must have at least 45 hours of completed coursework to enter the major

SPA 302	Spanish Composition		WRT 212	Writing Workshop: Revision	1
Choice of one of the following:	3	WRT 304	Structure of Modern English	3	
FRE 306	Business French		WRT 312	Writing Workshop:	
SPA 306	Business Spanish			Copyediting	1
Choice of one of the following:	3	WRT 313	Writing Workshop: Diction	1	
FRE 450	Internship		WRT 331	Literary Writing	3
SPA 450	Internship		WRT 335	Technical Writing I	3
Choice of one of the following:	3	WRT 336	Technical Writing II	3	
FRE 499	Senior Paper		WRT 400	Writing Internship	3
SPA 499	Senior Paper		WRT 412	Writing Workshop: Freelance &	
Choice of one of the following:	3		Publishing	1	
FRE 315	Civilization and Culture		WRT 430	Grant Writing	3
SPA 315	Latin America Civilization and		Choice of three hrs. from the following:	3	
	Culture		ENG 498	Senior Paper Research (1 hr.)	
SPA 316	Civilization and Culture of Spain			and	
Choice of one of the following:	3	ENG 499	Senior Paper Composition (2		
FRE 303	Survey of French Literature I		hrs.) or		
FRE 304	Survey of French Literature II		WRT 499	Senior Paper/Project	
SPA 303	Survey of Spanish Literature I		Choice of six hours from the following:	6	
SPA 304	Survey of Spanish Literature II		ENG 352	Majors Writers	
SPA 314	Survey of Latin American		ENG 436	Modern American Fiction	
	Literature		ENG 440	The Modern Period	
			ENG 451	Seminar	
	Major Total	45	PRP 213	Workshop: Publications	
			WRT 355	History of the English Language	
<b>Cognate</b>			WRT 400	Writing Internship	
WRT 304	Structure of Modern English	3	WRT 405	Literary Genres	
	Cognate Total	3		Major Total	37
	Minor	18		Concentration	12
	Electives	7			
	Degree Total	123			

### **Writing Major**

#### **Bachelor of Arts**

Students completing a writing major need to choose a concentration in English literature or in journalism in addition to the courses in the major.

<b>General Education</b>	Credit Hours
Intro to Whole Person Educ (GEN 150)	1
English (COMP 102, 303)	6
Foreign language	6
Oral Communication (COM 101)	3
Biblical Literature	4
Theology (THE 104 and 105)	4
Laboratory Science (lecture and lab)	4
Mathematics (MAT 232 or 325)	3
Civics	3
Humanities	6
Social Science Elective	3
Scaffolding Interdisciplinary Courses	9
Health and Physical Education	4
General Education Total	56

#### **Major**

ENG 201	Introduction to Literature	3
PRFL 320	Writing Major/Minor	
	Proficiency	0
WRT 201	Introduction to Writing	3

WRT 212	Writing Workshop: Revision	1
WRT 304	Structure of Modern English	3
WRT 312	Writing Workshop:	
	Copyediting	1
WRT 313	Writing Workshop: Diction	1
WRT 331	Literary Writing	3
WRT 335	Technical Writing I	3
WRT 336	Technical Writing II	3
WRT 400	Writing Internship	3
WRT 412	Writing Workshop: Freelance &	
	Publishing	1
WRT 430	Grant Writing	3
Choice of three hrs. from the following:	3	
ENG 498	Senior Paper Research (1 hr.)	
	and	
ENG 499	Senior Paper Composition (2	
	hrs.) or	
WRT 499	Senior Paper/Project	
Choice of six hours from the following:	6	
ENG 352	Majors Writers	
ENG 436	Modern American Fiction	
ENG 440	The Modern Period	
ENG 451	Seminar	
PRP 213	Workshop: Publications	
WRT 355	History of the English Language	
WRT 400	Writing Internship	
WRT 405	Literary Genres	
	Major Total	37
	Concentration	12

### **Journalism Concentration**

Writing majors often work in the world of journalism (e.g., magazines, journals, newspapers). A journalism concentration can help prepare students for this workplace.

JRN 107	Newsriting I Lecture	3
JRN 108	Newsriting I Lab	1
Choice of eight hrs. from the following:	8	
ART 365	Digital Photography	
JRN 205	Writing for the Media	
JRN 305	News Editing	
JRN 317	Investigative Reporting	
JRN 321	Media Law and Ethics	
JRN 444	Feature Writing	
PRP 213	Workshop: Publications	
PRP 214	Workshop: Newspaper	
PRP 215	Workshop: Newsgathering	
TVF 408	Broadcast News	
	Concentration Total	12

### **Literature Concentration**

Writing and literature complement each other, so a literature concentration can help prepare students for this workplace.

Choice of 12 hours from the following:	12	
ENG 307	Culture and the Christian	
	Imagination	
ENG 309	Young Adult Literature	

ENG 317	Multicultural Literature	
ENG 351	Shakespeare	
ENG 352	Major Writers	
ENG 359	English Medieval Period: 650-	
	1500	
ENG 370	American Romantic Period	
ENG 421	English Victorian Period	
ENG 436	Modern American Fiction	
ENG 440	Modern Period	

Concentration Total	12
Electives	15
Degree Total	120

### **Aerospace Studies Minor**

AERO 1111	Foundations of the U.S. Air	
	Force	1
AERO 1211	U.S. Air Force Air and Space	
	Power	1
AERO 2111	Evolution of Air and Space	
	Power	1
AERO 2211	History of Air Power	1
AERO 3103	Leadership in the U.S. Air Force	3
AERO 3203	Company Grade Leadership	3
AERO 3504	Field Training	4
AERO 4103	National Security Affairs I	3
AERO 4203	National Security Affairs II	3

Minor Total	20
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### **Arabic Minor**

An Arabic minor requires 18 hours of coursework in Arabic and may include 102, 203, and 204. The 101 course does not apply toward the minor. Students with an international business major and Arabic minor must take ARA 306 Business Arabic.

### **Art Minor**

For students majoring in another field. Please review course catalog for prerequisite requirements for each course.

Choice of one of the following:	3	
ART 101	Fundamentals of Art I	
ART 102	Fundamentals of Art II	
Choice of one of the following:	3	
ART 103	Art History Survey I	
ART 104	Art History Survey II	
ART 307	Art History Survey III	
Choice of twelve hours of the following:	12	
ART 106	Elementary/Secondary Methods	
	and Evaluation <sup>1</sup>	
ART 201	Ceramics I	
ART 202	Sculpture I	
ART 203	Painting I	
ART 204	Printmaking I	
ART 205	Typography	
ART 213	Drawing	
ART 214	Figure Drawing	
ART 218	Graphic Design I	
ART 223	Crafts	

<sup>1</sup> ART 106 may be taken up to six times for 1.0 credits.

ART 301	Ceramics II	
ART 302	Sculpture II	
ART 303	Painting II	
ART 304	Printmaking II	
ART 314	Drawing III	
ART 318	Graphic Design II	
ART 333	Watercolor	
ART 365	Digital Photography	
ART 378	Motion Design	
ART 442	Web Design	
ART 999	Art Elective (transferred course)	
Minor Total		18

### **Chinese Minor**

A Chinese minor requires 18 hours of coursework in Chinese and may include 102, 203, and 204. The 101 course does not apply toward the minor. Students with an international business major and Chinese minor must take CHI 306 Business Chinese.

### **English Literature Minor**

The English minor is designed for students majoring in another discipline who desire a minor in English.

ENG 201	Introduction to Literature	3
ENG	Electives	9
Choice of one of the following:		3
ENG 323	American Literature I	
ENG 324	American Literature II	
Choice of one of the following:		3
ENG 311	British Literature I	
ENG 312	British Literature II	
Minor Total		18

### **French Minor**

A French minor requires 18 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. Students with an international business major and French minor must take FRE 306 Business French.

### **Graphic Design Minor**

This minor provides a basic overview to terminology, strategy, and techniques of graphic design practice.

ART 101	Fundamentals of Art I	3
ART 107	Digital Fundamentals	3
ART 218	Graphic Design I	3
Choose one of the following:		3
ART 205	Typography	
ART 318	Graphic Design II	
ART 378	Motion Design	
ART 442	Web Design	
Choice of one of the following:		3
ART 102	Fundamentals of Art II	
ART 213	Drawing	
Choice of one of the following:		3
ART 103	Art History Survey I	
ART 104	Art History Survey II	
ART 307	Art History Survey III	

### **Hebrew Minor**

A Hebrew minor requires 18 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.

### **History Minor**

HIS 201	Historiography	3
HIS	Electives	15
Minor Total		18

### **Humanities Minor**

HUM	Electives	12
Choose two of the following courses:		6
HUM 201	Wisdom of the Ancient World	
HUM 202	Classical Roman Civilization	
HUM 203	Learning from the Late Middle Ages	
HUM 204	Understanding Modern Western Civ.	
Minor Total		18

### **Israel and Middle East Studies Minor**

BIB 455	Intensive Studies: Jewish Roots of Christianity	3
HEB 305	Hebrew Culture and Civilization	3
HIS 371	Islamic Middle East	3
HIS 472	Twentieth Century Middle East	3
HIS 473	The Rise of Modern Israel	3
Choice of one of the following courses:		3
BIB 302	Historical Geography of the Holy Land	
BIB 455	Intensive Studies: Introduction to Jewish Literature	
BIB 455	Intensive Studies: Second Temple Period Archaeology from 1968 to Present	
HEB 306	Business Hebrew	
HIS 372	Ancient Near East	
HIS 452	Department Seminar: Europe	
HIS 453	Department Seminar: Middle East	
HIS 479	Readings in History	
HONR 431	Faith and Civilization in Context	
Minor Total		18

### **Liberal Studies Minor**

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 Chair of the School of Liberal Arts.

Minor Total		18
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### **Preprofessional English Minor**

This minor is designed for students majoring in another discipline but desiring to sharpen their skills in writing and literature.

Choice of 12 hours of the following:		12
ENG 201	Introduction to Literature	
ENG 310	World Literature	
ENG 311	English Literature I	
ENG 312	English Literature II	
ENG 317	Multicultural 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 420	English Romantic Period: 1798-1832	
ENG 421	English Victorian Period	
ENG 436	Modern American Fiction	
ENG 440	The Modern Period	
ENG 450	Literary Criticism	
ENG 451	Seminar	
LANG 470	Teaching Language	
Choice of six hours from the following:		6
PRP 213	Workshop Publications	
WRT 201	Introduction to Writing*	
WRT 212	Writing Workshop: Revision	
WRT 312	Writing Workshop: Copyediting	
WRT 313	Writing Workshop: Diction	
WRT 304	Structure of Modern English	
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 412	Writing Workshop: Freelance and Publishing	
Minor Total		18

### **Spanish Minor**

A Spanish minor requires 18 hours of foreign language coursework and may include 102, 203, and 204. The 101 course does not apply toward the minor. Students with an international business major and Spanish minor must take SPA 306 Business Spanish.

### **Writing Minor**

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 212	Writing Workshop: Revision	1
WRT 304	Structure of Modern English	3
PRFL 320	Writing Major/Minor Proficiency	0

Choice of 8 hours from the following:	8
PRP 213 Workshop: Publications	
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 412 Writing Workshop: Freelance and Publishing	

Minor Total 18

### **Departmental Courses**

#### ***Arabic***

ARA 101	Elementary Arabic I
ARA 102	Elementary Arabic II
ARA 203	Intermediate Arabic I
ARA 204	Intermediate Arabic II
ARA 219	Travel Study
ARA 301	Phonetics and Conversation
ARA 302	Literature and Composition
ARA 305	Civilization and Culture
ARA 306	Business Arabic
ARA 450	Internship
ARA 451	Special Readings

#### ***Art***

ART 090	BFA Portfolio Review
ART 095	BFA Progress Review
ART 101	Fundamentals of Art I
ART 102	Fundamentals of Art II
ART 103	Art History Survey I
ART 104	Art History Survey II
ART 106	Elementary and Secondary Methods and Evaluation
ART 107	Digital Fundamentals
ART 108	Survey of Non-Western Art
ART 201	Ceramics I
ART 202	Sculpture I
ART 203	Painting I
ART 204	Printmaking I
ART 205	Typography
ART 213	Drawing
ART 214	Figure Drawing
ART 218	Graphic Design I
ART 223	Crafts
ART 301	Ceramics II
ART 302	Sculpture II
ART 303	Painting II
ART 304	Printmaking II
ART 307	Art History Survey III
ART 311	Contemporary Forms
ART 314	Drawing III
ART 318	Graphic Design II
ART 328	Graphic Design History
ART 331	Illustration
ART 333	Watercolor
ART 335	Graphic Design III
ART 355	Graphic Design Studio
ART 360	Art and Professionalism
ART 363	Black and White Photography

ART 365	Digital Photography
ART 371	Ceramics III
ART 372	Sculpture III
ART 373	Painting III
ART 374	Printmaking III
ART 378	Motion Design
ART 383	Drawing IV
ART 393	Illustration II
ART 395	Digital Photography II
ART 412	Graphic Design IV
ART 435	Advanced Photography
ART 442	Web Design
ART 452	Directed Study
ART 453	Practicum Infield Study
ART 456	Secondary Art Methods and Evaluation
ART 462	Elementary Art Methods and Evaluation
ART 393	Illustration II
ART 395	Digital Photography II
ART 412	Graphic Design IV
ART 454	Studio Art Internship
ART 461	Senior Paper
ART 499	Senior Project
ART 999	Art Elective

#### ***American Sign Language***

ASL 111	American Sign Language I
ASL 112	American Sign Language II

#### ***Chinese***

CHI 101	Elementary Chinese I
CHI 102	Elementary Chinese II
CHI 203	Intermediate Chinese I
CHI 204	Intermediate Chinese II
CHI 219	Travel Studies
CHI 301	Chinese Phonetics and Conversation
CHI 302	Chinese Literature and Composition
CHI 305	Chinese Civilization and Culture
CHI 306	Business Chinese
CHI 450	Internship
CHI 451	Special Readings
CHI 999	Chinese Elective

#### ***Composition***

COMP 099	Preparation for Composition I
COMP 101	Composition I
COMP 102	Composition II
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	British Literature I
ENG 312	British Literature II
ENG 317	Multicultural 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 420	English Romantic Period: 1798-1832
ENG 421	English Victorian Period
ENG 436	Modern American Fiction
ENG 440	The Modern Period
ENG 450	Literary Criticism
ENG 451	Department Seminar
ENG 470	Teaching English
ENG 498	Senior Paper Research
ENG 499	Senior Paper Composition
ENG 999	English 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 430	French Literary Periods
FRE 433	French Literary Genres
FRE 450	Internship
FRE 451	Special Readings
FRE 470	Teaching Language
FRE 499	Senior Paper
FRE 999	French Elective

#### ***General Studies***

GEN 099	Whole Person Assessment
GEN 101	Prior Learning Assessment
GEN 111	University Success
GEN 114	Online Learning Strategies
GEN 150	Introduction to Whole Person Education
GEN 307	History of Women: The Journey to Empowerment
GEN 310	World Literature
GEN 342	Europe Today
GEN 377	Christian Worldview, Culture, and Apologetic

#### ***Hebrew***

HEB 101	Elementary Hebrew I
HEB 102	Elementary Hebrew II
HEB 203	Intermediate Hebrew I
HEB 204	Intermediate Hebrew II
HEB 301	Hebrew Conversation/Grammar
HEB 302	Hebrew Composition
HEB 305	Hebrew Culture and Civilization
HEB 451	Special Readings
HEB 999	Hebrew Elective

#### ***History***

Asia/Middle East History	
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 472 Twentieth Century Middle East  
 HIS 473 The Rise of Modern Israel  
 HIS 483 Contemporary Asia: 1945 to Present

### ***European History***

- HIS 323 The Middle Ages and the Reformation: 476-1650  
 HIS 324 Modern Europe: 1815 to Present  
 HIS 425 Eastern European History

### ***Latin American History***

- HIS 361 Colonial Latin America  
 HIS 362 Survey of Latin America  
 HIS 464 The Caribbean, Mexico, and Central America

### ***U.S. History***

- HIS 101 American History Survey  
 HIS 110 American History Survey I  
 HIS 111 American History Survey II  
 HIS 310 Oklahoma History  
 HIS 340 Colonial America to Early National: 1607 to 1830  
 HIS 343 Civil War and Reconstruction U.S.: 1830-1877  
 HIS 344 Early Modern United States: 1877-1929: Gilded Age to World War I  
 HIS 345 United States Since 1929  
 HIS 351 Evangelical and Charismatic Christianity in America History

### ***Other History***

- HIS 200 World History  
 HIS 201 Historiography  
 HIS 477 Secondary Methods: Social Studies  
 HIS 479 Readings in History  
 HIS 490 Department Seminar  
 HIS 491 History Internship  
 HIS 499 Senior Paper  
 HIS 999 History Elective

### ***Humanities***

- HUM 103 Christian Worldview and Culture  
 HUM 111 Introduction to Humanities I  
 HUM 112 Introduction to Humanities II  
 HUM 201 Wisdom of the Ancient World  
 HUM 202 Classical Roman Civilization  
 HUM 203 Learning from the Late Middle Ages  
 HUM 204 Understanding Modern Western Civilization.  
 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 Survey I  
 HUM 255 Art History Survey 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 342 Europe Today  
 HUM 350 Area Studies  
 HUM 400 Major Figures  
 HUM 450 Thematic Readings  
 HUM 490 Integrative Seminar  
 HUM 999 Humanities Elective

### ***Interpreting***

- INTR 321 Beginning Interpreting  
 INTR 331 Intermediate Interpreting  
 INTR 441 Advanced Interpreting

### ***Languages***

- LANG 101 Foreign Language Placement  
 LANG 470 Teaching Language  
 LANG 999 Foreign Language Interview

### ***Proficiencies***

- PRFL 001 Foreign Language Proficiency  
 PRFL 300 Foreign Studies  
 PRFL 320 Writing Major/Minor Proficiency

### ***Reading***

- READ 099 Preparation for College Reading

### ***Spanish***

- SPA 101 Elementary Spanish I  
 SPA 102 Elementary Spanish II  
 SPA 203 Intermediate Spanish I  
 SPA 204 Intermediate Spanish II  
 SPA 219 Travel Study  
 SPA 301 Spanish Phonetics and Conversation  
 SPA 302 Spanish Composition  
 SPA 303 Survey of Spanish Literature I  
 SPA 304 Survey of Spanish Literature II  
 SPA 306 Business Spanish  
 SPA 314 Survey of Latin American Literature  
 SPA 315 Latin American Civilization and Culture  
 SPA 316 Civilization and Culture of Spain  
 SPA 430 Spanish Literary Periods  
 SPA 433 Spanish Literary Genres  
 SPA 450 Internship  
 SPA 451 Special Readings  
 SPA 499 Senior Paper  
 SPA 999 Spanish Elective

### ***Translation***

- TRNS 310 Introduction to Translation and Interpretation  
 TRNS 321 Beginning Translation  
 TRNS 331 Intermediate Translation  
 TRNS 441 Advanced Translation  
 TRNS 499 Senior Paper/Project

### ***Writing***

- WRT 112 Reading and Writing Laboratory  
 WRT 201 Introduction to Writing  
 WRT 212 Writing Workshop: Revising  
 WRT 300 Peer Tutor Workshop  
 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 412 Writing Workshop: Freelance and Publishing  
 WRT 430 Grant Writing  
 WRT 450 Directed Study  
 WRT 499 Senior Paper/Project  
 WRT 999 Writing Elective

## **School of Worship, Media, & Performing Arts**

John Jenkins, D.M.A.,  
 Director of Music  
 Courtney Sanders Irish, M.F.A.,  
 Director of Theatre  
 Christina Schneider, M.F.A.,  
 Director of Dance

**Mission Statement:** To develop Spirit-Empowered Leaders through whole person education in the broad fields worship, media, and performing arts.

### **NASM Accreditation**

Oral Roberts University is an accredited institutional member of the National Association of Schools of Music (NASM) 11250 Roger Bacon Dr Ste 21 Reston, VA 20190, email info@arts-accredit.org, Phone: 703-437-0700, Facsimile: 703-437-6312, website: <http://nasm.arts-accredit.org>.

### **Overview**

The School of Worship, Media, & Performing Arts offers a wide variety of programs and degrees (see below). Courses in the department are designed to for students desiring (1) general cultural background in the performing arts; (2) a strong foundation for graduate work; (3) foundational preparation for a career in worship ministry, media, media ministry, and the performing arts; and (4) certification for teaching.

Oral Roberts University is an American Music Therapy Association approved University.

Oral Roberts University became an "All Steinway School" in spring 2011.

### **Degree Programs**

The School offers Bachelor of Arts (B.A.), Bachelor of Fine Arts (B.F.A.), Bachelor of Music (B.M.), Bachelor of Music Education (B.M.E.), and Bachelor of Science (B.S.) degrees.

## **Majors**

### **Cinema/Television/Digital Media (B.F.A.)**

Media is an ever-changing language. New technologies continually impact our ability to capture, express and share stories through digital media. This major focuses on preparing students to become visual storytellers, equipping them in a broad spectrum of skills such as scriptwriting, producing, directing, camera operating, lighting, sound capturing, Foley, audio mixing, video editing and effects, interactive media, web design, and AV electronics. The media immersion junior year (Media Mastery Institute) provides an intense, hands-on experience and encourages students to pursue projects with real world clients.

### **Dance (B.A.)**

The Bachelor of Arts in Dance degree offers 3 concentrations: (1) Dance Performance, (2) Dance Management\*, and (3) Pre-Movement Therapy. All 3 concentrations train students in body, mind, and spirit for technical, academic and artistic excellence in the field of dance. Faculty are committed to helping artists discover their artistic voices and go into every person's world, as vessels of the Holy Spirit, with light in the midst of darkness.

*\*Not accredited by ACBSP*

### **Dance Performance**

The Dance Performance Concentration blends art and faith to empower and train artists in careers ranging from performance, choreography, and education to ministry and more. The students will explore space, effort, shape, time and design through the world of dance.

### **Dance Management**

The Dance Management\* Concentration equips the student with competencies that will allow them to excel in dance while combining various facets of performing arts management and dance pedagogy. *\*Not accredited by ACBSP.*

### **Dance Pre-Movement Therapy**

The Dance Pre-Movement Therapy concentration is a pre-professional degree. With a focus on modern dance, creative expression, and psychology, the student will gain the tools necessary to prepare them for graduate studies in the field of dance-movement therapy. To become a Registered Dance/Movement Therapist (R-DMT), education must be completed through the master's degree level.

### **Music Arts (B.A.)**

The music arts major with a concentration in arts allows room for a minor. This major can be completed in

three years by following the degree-in-three plan sheet. More information is available from the Music Department and at [music.oru.edu](http://music.oru.edu).

### **Music Performance (B.M.)**

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

### **Music Production (B.S.)**

Students in this major can choose to spend one semester of their junior year at The Recording Studio in Chillicothe, Ohio, an education complex that specializes in training audio engineers. Students may also choose to attend the Contemporary Music Center in Tennessee or take a block of music industry courses on campus.

### **Music Therapy (B.M.)**

Music Therapy majors are trained to be performers as well as music therapy clinicians. The music therapy degree culminates in a senior recital, paper/project, or half-recital/project and a six-month long music therapy internship under the supervision of a certified music therapist as required by AMTA.

### **Music Education (B.M.E.)**

Students seeking vocal or instrumental 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.

### **Theatre (B.A.)**

The B.A. in Theatre is a liberal arts degree designed to provide a theatre background for students who are: (1) planning to pursue an area of theatre not associated with a current B.F.A. degree offered at ORU (such as Arts Administration), (2) students desiring a double major or a specific minor in another field of study, (3) students who desire a more general/liberal arts approach to theatre studies, or (4) students who may not have been accepted into a B.F.A. concentration or chose not to continue with the B.F.A. in Theatre degree.

### **Theatre (B.F.A.)**

The B.F.A. degree is considered to be the most prestigious (pre-professional) bachelor's degree in the performing arts. It is designed for students who wish to gain as much experience and skill in their selected concentration as possible in order to move (upon graduation) into the world of professional theatre. Pursuit of a B.F.A. Theatre degree requires the student to select one of five concentrations: (1) Acting,

(2) Theatrical Design & Production, (3) Musical Theatre, (4) Theatre Education, or (5) Theatre for Healing. Acceptance into the concentration is then determined via audition &/or portfolio interview process at the end of the student's first semester. Continued pursuit of a B.F.A. Theatre degree requires the student to maintain no less than a 2.25 cumulative GPA each semester, as well as maintain active involvement in theatre productions and projects.

End of semester assessments are required for all Theatre students. Assessments provide each student the opportunity to formally present and evaluate their semester work within the Theatre major and receive individual feedback from the entire theatre faculty. A conservatory-style program focused on intense development of the actor's artistry and craft defines ORU's B.F.A. in Acting. Students work and study in a laboratory environment which encourages exploration of various acting techniques and processes. A combination of extensive voice and movement training with the actor's emotional honesty, and a thorough study in the art of theatre and performance will be covered throughout the acting classes. B.F.A. Acting candidates will graduate from the program with the tools and skills required to compete on a national level. Whether it is choosing to immediately pursue a career in the acting industry, or by continuing their training on the Master of Fine Arts level, the successful B.F.A. Acting graduate will excel.

All B.A. and B.F.A. theatre students take the same 40 hours of theatre core classes.

### **Admission to B.F.A. in Theater**

Admission into a Bachelor of Fine Arts in Theatre concentration is based on an audition and interview for students pursuing an Acting or Musical Theatre concentration, and a portfolio and interview for those pursuing concentrations in Theatrical Design and Production, Theatre Education, or Theatre for Healing. These auditions and interviews occur at the end of the student's first semester.

Initial admission to pursue the B.F.A. in Theatre degree in any of the theatre concentrations is provisional. Transfer students and students transferring from other majors at ORU must meet the same requirements to be fully admitted into the B.F.A. in Theatre concentrations. All students who want to pursue the B.F.A. in Theatre degree are considered candidates through at least their first semester. At the end of the first semester, candidates must (1) complete an audition &/or portfolio and

interview process and (2) must successfully complete the first semester of theatre core courses in order to be accepted into a specific B.F.A. concentration.

Full and continued admission is based on the following steps:

- Continued successful completion of the required theatre courses as listed through their respective degree plans.
- Successful completion of semester assessments, which include audition &/or portfolio reviews and interviews with the theatre faculty.
- Consistently maintaining a cumulative GPA of 2.25 or better each semester
- Continued involvement in ORU theatre productions and projects

### **Worship Arts (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. The worship arts major has a choice of five concentrations: dance, music production, ethnomusicology, theology, and theatre.

### **Minors**

The School of Worship, Media, & Performing Arts offers the following minors: dance, drama, ethnomusicology, music, music production, and worship leadership.

### **Music Program Specific Policies and 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 are notified of their acceptance to the university by the Admissions Office; they are notified of acceptance (via email) as a music major or worship leadership 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. Music therapy majors have the option of a full recital, a research project/paper, or a half-recital and clinical music therapy project.

Bachelor of music composition majors make several presentations of original compositions in junior and senior recitals. A Bachelor of Arts candidate prepares a senior project, paper, or recital. Music education majors may elect to present a music education recital or a senior/paper project, each for two credit hours. A lecture recital option is also available to music education majors and does not require a junior recital as a prerequisite.

#### **Course Credits**

For all applied lessons, a weekly 25-minute lesson receives one credit hour for the semester, and a weekly 50-minute lesson receives two hours of credit.

For ensembles, a class receiving one hour of credit may meet from one to five times per week.

#### **Fees**

Each semester, all music majors are charged an inclusive \$250 fee. 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). 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. Some music production courses include a \$55 technology fee and the music therapy clinical orientation a \$25 background check fee.

#### **Grade Requirements**

All courses in the major, concentration, and cognate must be passed with at least a "C." In addition, MUS 205, 206, 208, and 130, if required, must also be passed with a "C" or better. If that grade requirement is not met, the student must retake the respective class.

#### **Policy on Repeating a Course**

All music theory courses--including MUS 100, 101, 102, 103, and 104--may be repeated only one time. After that a student may be required to change majors.

#### **Music Seminar**

All music majors (with the exception of Worship Arts Majors, see Worship Seminar below) must enroll and successfully complete at least 2 credit hours of MUS 099 Music Seminar, but must be enrolled in and earn at least a "C" in the class for seven semesters; minors must pass for four semesters. After the 2 credit hours are attained, MUS 099 is taken for 0 credit. As part of the requirement, music majors and minors must attend a designated number of

recitals and concerts and perform in class at least once per semester. 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.

#### **Worship Seminar**

Worship Arts majors must enroll in and successfully complete Music Seminar for 0 credits during their first four semesters. After, worship arts majors must enroll in and successfully complete at least 2 credit hours of MUS 098 Worship Seminar with at least a "C."

#### **Ensemble Requirement**

Music majors are required to participate in an appropriate major ensemble every regular semester of enrollment. Students are placed in a major ensemble by audition. Major ensembles include the following:

For vocalists: University Chorale and Chamber Singers

For string players: Orchestra

For wind and percussion: Wind Ensemble

Keyboardists and guitarists may enroll in any of the above ensembles as approved by their advisors. Guitar majors may use guitar ensemble for four semesters to count toward major ensemble credit. Jazz Combo, Jazz Ensemble and Opera Theatre students can receive up to two credits for participation in these groups out of the eight semesters of performance group credits required.

#### **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. Music therapy majors must also pass the guitar proficiency and clinical music therapy in addition to piano and music vocabulary.

### **Health and Safety Standards**

The Music Department provides ORU students and faculty with basic information about the maintenance of health and safety within the contexts of practice, performance, teaching, and listening.

### **Clubs and Organizations**

- Alpha Psi Omega (APO) - a national, honorary, dramatic society which is a service organization to the community
- Collegiate Music Educators National Conference (CMENC)
- Nu Delta Alpha Society – an honorary dance society.
- Student Film Premiere - Sophomores present their short films in the Film Showcase, while juniors and seniors compete for a spot to show their short films at the prestigious ORU Film Gala.
- Student Music Therapy Association (SMTA)

### **Special Activities and Opportunities**

Students have opportunity to display their talents by involving themselves in any number of special activities and opportunities. Some of these activities include the following:

- Music Production (MPRO) students can 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 in Nashville, Tennessee. 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. Department approval is required in order to receive credits required.
- Theatre main stage productions
- Theatre showcase performances
- Dance performances
- Study Abroad-Students many complete a semester remotely or abroad. Interested students should visit with their faculty advisor.

### **Awards and Scholarships**

In recognition of scholarship, leadership, and ORU lifestyle commitment, the School of Worship, Media, & Performing Arts annually honors outstanding students by the presentation of the following awards:

- Outstanding Senior Awards: One award is given to the outstanding senior in each major.
- Outstanding School Senior: The names of the students winning the Outstanding Senior Awards are submitted for the Outstanding School Senior Award.
- Outstanding Senior Paper/Project: This recognizes the department's best senior research project. The winner of this award participates in ORU's Outstanding Research display in the spring.

All scholarships offered by programs in the School of Worship, Media, & Performing Arts and those offered in conjunction with Quest Talent Scholarships are awarded based on acceptance into a given program by audition and participation. In the case of music scholarships, this includes participation in ensembles. All students interested in talent scholarships should contact the director of their program area (dance, music, or theatre) for more information.

### **Media Mastery Institute**

Application to this selective program includes (but is not limited to) the following criteria: (1) performance in previous production courses; (2) evaluation by previous Media faculty; (3) previous class attendance, participation and academic performance; (4) the student's entrance essay and interview; (5) the student's professional goals; (6) and, a willingness to commit to the discipline and rigorous schedule of the program.

program includes (but is not limited to) the following criteria: (1) performance in previous production courses; (2) evaluation by previous Media faculty; (3) previous class attendance, participation and academic performance; (4) the student's entrance essay and interview; (5) the student's professional goals; (6) and, a willingness to commit to the discipline and rigorous schedule of the program.

Students participating in the Media Mastery Institute receive intense (40 hours per week) hands-on experience for two semesters. Students develop competencies through theory and working on practical and creative projects, some for real world

clients. These projects include audio, film, video, television and digital media productions. This also comprises an essential component of the church media specialist training.

There's an application fee of \$250, and a travel fee (approximately \$900) to cover the cost of long-distance field trips. Students are taught by faculty as well as industry professionals.

Students not selected to the Media Mastery Institute will continue their studies under the Bachelor of Science, Media Production major.

Students who transfer into ORU or who declare this area of concentration after 32 credit hours of college coursework may be required to spend additional semesters to complete the program.

### **Cinema/Television/Digital Media Major**

<b>Bachelor of Fine Arts</b>	
<b>General Education</b>	Credit Hours
Intro to Whole Person Educ (GEN 150)	1
English (COMP 102)	3
Foreign language	3
Oral Communication (COM 101)	3
Biblical Literature	4
Theology (THE 104 and 105)	4
Laboratory Science (lecture and lab)	4
Mathematics (MAT 232 or 325)	3
Civics	3
Humanities	6
Social Science Elective <sup>1</sup>	3
Health and Physical Education	4
<b>General Education Total</b>	<b>41</b>

<b>Major</b>	
ART 365	Digital Photography 3
CAM 451	Communications Internship 3
COM 401	Communication Ethics 3
INT 101	Digital Composition 3
INT 200	Web Design 3
MMC 104	Media and Pop Culture 3
MMC 489	Campaign Strategies 3
TVF 116	Workshop: Production Equipment 1
TVF 128	Principles of Audio Production 3
TVF 140	Digital Storytelling 3
TVF 216	Production Experience 1
TVF 231	Principles of TV Production 3
TVF 232	Field Production and Editing 3
TVF 233	Production Software 3
TVF 305	Visual Media Industries 3
TVF 312	Advanced Audio 3
TVF 314	Media Operations 3
TVF 316	Workshop: Production Experiences <sup>2</sup> 3
TVF 317	Media Analysis 3

<sup>1</sup> Choose from BUS 201, FIN 244, or PSY 201.

<sup>2</sup> TVF 316 is taken three times for one credit each.

TVF 318	Fundamentals of Scriptwriting	3
TVF 325	Cinematography	3
TVF 329	Advanced TV Production	3
TVF 337	Film Directing and Producing	3
TVF 350	Advanced Post-Production	3
TVF 355	Advanced Film Directing	3
TVF 416	Workshop: Advanced Prod. Equip.	1
TVF 457	Advanced Film Production	3
TVF 477	Production House <sup>1</sup>	1
TVF 499	Senior Research Project	3
Major Total		79
Degree Total		120

### Media Mastery Institute

Students apply for entrance into this selective program during their sophomore year. Acceptance into the program is limited and based on admission to the Media Mastery 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 Media Mastery 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 major.

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

Students participating in the Media Mastery Institute during their junior year receive intense (40 hours per week) hands-on experience over two semesters. Students develop competencies working on practical and creative projects. These projects include audio, film, video production. There is a one-time fee to cover the cost (approximately \$900) to cover long-distance field trips. Students are taught by faculty as well as industry professionals. Programs students produce may be educational,

entertainment, or instructional in nature. More information is available from the Director of the Media Mastery Institute, Professor Rafael Barreiro, School of Communication and Public Affairs (rbarreiro@oru.edu).

### Dance Major

#### Bachelor of Arts

Students must audition to be admitted into the dance performance major.

General Education		Credit Hours
Intro to Whole Person Educ (GEN 150)		1
English (COMP 102, COMP 303)		6
Foreign language		6
Oral Communication (COM 101)		3
Biblical Literature		4
Theology (THE 104 and 105)		4
Applied Anatomy and Physiology (HLSS 319)		4
Mathematics (MAT 232 or 325)		3
Civics <sup>2</sup>		3
Humanities <sup>3</sup>		6
Social Science Elective		3
Scaffolding Interdisciplinary Courses		9
Health and Physical Education		4
General Education Total		56

#### Major

DANP 090	Dance Mid-Year Evaluation <sup>4</sup>	0
DANP 106	Dance Seminar <sup>5</sup>	4
DANP 107	Improvisation I	1
DANP 109	Dance Ensemble <sup>6</sup>	3
DANP 125	History of Dance	3
DANP 207	Fundamentals of Choreography	2
DANP 230	Dance for Worship	1
DANP 307	Intermediate Choreography	2
DANP 325	History of Dance II	3
DANP 406	Pedagogy I	2
DANP 490	Senior Performance	3
A total of four semesters of ballet:		6
DANP 100	Beginning Ballet	
DANP 103	Ballet I	
DANP 203	Ballet II	
DANP 303	Ballet III	
DANP 403	Ballet IV	
A total of four semesters of modern dance:		6
DANP 101	Beginning Modern Dance	
DANP 104	Modern Dance I	
DANP 204	Modern Dance II	
DANP 304	Modern Dance III	
DANP 404	Modern Dance IV	
A total of two semesters of dance forms:		2
DANP 102	Beginning Dance Forms	
DANP 105	Dance Forms I	
DANP 205	Dance Forms II	

DANP 305	Dance Forms III	
Major Total		38

### Management Concentration

ADV 216	Branding, Promotions & Storytelling	3
DANP 109	Dance Ensemble***	1
DANP 420	Performing Arts Management	3
DANP 426	Pedagogy II	2
A total of two semesters of ballet:		2
DANP 100	Beginning Ballet	
DANP 103	Ballet I	
DANP 203	Ballet II	
DANP 303	Ballet III	
DANP 403	Ballet IV	
A total of two semesters of modern dance:		2
DANP 101	Beginning Modern Dance	
DANP 104	Modern Dance I	
DANP 204	Modern Dance II	
DANP 304	Modern Dance III	
DANP 404	Modern Dance IV	
Choose one semester of dance forms:		1
DANP 102	Beginning Modern Dance Forms	
DANP 105	Dance Forms I	
DANP 205	Dance Forms II	
DANP 305	Dance Forms III	
DRAM 240	Stage Management	3
FIN 244	Personal Financial Management	3
MGT 130	Principles of Management	3
WRT 430	Grant Writing	3

Concentration Total		26
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### Performance Concentration

DANP 108	Improvisation II	1
DANP 109	Dance Ensemble***	1
DANP 407	Advanced Choreography	2
DANP 420	Performance Arts Management	2
DANP 426	Pedagogy II	2
A total of four semesters of ballet:		6
DANP 100	Beginning Ballet	
DANP 103	Ballet I	
DANP 203	Ballet II	
DANP 303	Ballet III	
DANP 403	Ballet IV	
A total of four semesters of modern dance:		6
DANP 101	Beginning Modern Dance	
DANP 104	Modern Dance I	
DANP 204	Modern Dance II	
DANP 304	Modern Dance III	
DANP 404	Modern Dance IV	
A total of four semesters of dance forms:		6
DANP 102	Beginning Dance Forms	
DANP 105	Dance Forms I	
DANP 205	Dance Forms II	
DANP 305	Dance Forms III	

<sup>1</sup> TVF 477 can be taken for 1-3 credit hours.  
<sup>2</sup> Choose from GOV 101, HIS 110 or HIS 111.

<sup>3</sup> Second Humanities must be DRAM 215 which must be completed with a minimum grade of 'C'.

<sup>4</sup> DANP 090 is completed four times.

<sup>5</sup> DANP 106 is completed eight times for .5 credits.

<sup>6</sup> DANP 109 is completed three times in the major for 1.0 credits each and one time within the selected concentration.

Concentration Total	26	TVF 140 Digital Storytelling	3	Choice of one of the following:	3
<b>Pre-Movement Therapy Concentration</b>		TVF 216 Workshop: TV Production	1	MUS 421 Senior Recital	
DANP 108 Improvisation II	1	TVF 231 Principles of TV Production	3	MUS 499 Senior Paper/Project	
DANP 109 Dance Ensemble***	1	TVF 232 Field Production and Editing	3		
DANP 407 Advanced Choreography	2	TVF 233 Production Software	3	Major Total	13
A total of four semesters of modern dance:6		TVF 316 Workshop: Production Experiences	1	<b>Arts Concentration</b>	
DANP 101 Beginning Modern Dance		TVF 317 Media Analysis	3	MUS 001, 026, 124, 125, 126, 127 Piano	4
DANP 104 Modern Dance I		TVF 318 Fundamentals of Screenwriting	3	MUS 026-047, 052-055 Applied Music: Primary	8
DANP 204 Modern Dance II		TVF 337 Film Directing and Producing	3	MUS 061-065, 067-075, 080, 085-086 Performance Groups <sup>8</sup>	8
DANP 304 Modern Dance III		TVF 499 Senior Research Project	3	MUS 105 Introduction to Music Production	1
DANP 404 Modern Dance IV		Major Total	39	MUS 205 History and Literature of Music I	4
Choose one semester of dance forms:	1	<b>Cognate</b>		MUS 206 History and Literature of Music II	4
DANP 102 Beginning Dance Forms		ADV 216 Advertising Fundamentals & Design	3	MUS 333 Conducting I	2
DANP 105 Dance Forms I		ART 365 Digital Photography	3	MUS Electives	6
DANP 205 Dance Forms II		INT 101 Digital Composition	3		
DANP 305 Dance Forms III		INT 200 Web Design	3	Arts Concentration Total	37
DRAM 120 Survey of Applied Theatre	3	Cognate Total	12	Minor	18
HLSS 316 Kinesiology and Biomechanics	3	Minor <sup>3</sup> or Elective Hours <sup>Error!</sup>	18	Electives	8
PSY 201 Principles of Psychology	3	Bookmark not defined.	1		
PSY 301 Developmental Psychology	3	Electives	1	Degree Total	120
PSY 338 Abnormal Psychology	3				
Concentration Total	26	Degree Total	120		
Degree Total	120				

**Media Production Major****Bachelor of Science**

<b>General Education</b>	Credit Hours
Intro to Whole Person Educ (GEN 150)	1
English (COMP 102, 303)	6
Foreign language	3
Oral Communication (COM 101)	3
Biblical Literature	4
Theology (THE 104 and 105)	4
Laboratory Science (lecture and lab)	7
Mathematics (MAT 232 or 325)	3
Civics	3
Humanities	6
Social Science Elective <sup>1</sup>	3
Scaffolding Interdisciplinary Course <sup>2</sup>	3
Health and Physical Education	4
General Education Total	50

**Major**

CAM 451 Communication Internship	3
MMC 104 Media and Pop Culture	3
MMC 489 Campaign Strategies	3
TVF 116 Workshop: Production Equipment	1
TVF 128 Principles of Audio Production	3

**Music Arts Major****Bachelor of Arts**

<b>General Education</b>	Credit Hours
Intro to Whole Person Educ (GEN 150)	1
English (COMP 102)	3
Foreign language	6
Oral Communication (COM 101)	3
Biblical Literature	4
Theology (THE 104 and 105)	4
Laboratory Science (lecture and lab)	4
Mathematics (MAT 232 or 325)	3
Civics	3
Humanities <sup>4</sup>	6
Social Science Elective (MUS 208) <sup>5</sup>	3
Health and Physical Education	4
General Education Total	44

**Major**

MUS 099 Music Seminar <sup>6</sup>	2
MUS 101 Harmony I	2
MUS 102 Harmony II	2
MUS 103 Sight Singing & Ear Training I	2
MUS 104 Sight Singing & Ear Training II	2
PRFM 100 Piano Proficiency <sup>7</sup>	0
PRFM 101 Music Vocabulary Proficiency	0

**Music Education Major****Bachelor of Music Education**

<b>General Education</b>	Credit Hours
Intro to Whole Person Educ (GEN 150)	1
English (COMP 102) <sup>9</sup>	3
Foreign language	3
Oral Communication (COM 101) <sup>10</sup>	3
Biblical Literature <sup>4</sup>	4
Theology (THE 104 and 105)	4
Laboratory Science (lecture and lab)	4
Mathematics (MAT 232 or 325)	3
Civics	3
Humanities <sup>11</sup>	6
Social Science Elective (MUS 208) <sup>Error!</sup>	3
Health and Physical Education	4
General Education Total	41

**Major**

MUS 099 Music Seminar <sup>Error! Bookmark not defined.</sup>	2
MUS 101 Harmony I	2
MUS 102 Harmony II	2
MUS 103 Sight Singing & Ear Training I	2
MUS 104 Sight Singing & Ear Training II	2

<sup>1</sup> Choose from BUS 201, FIN 244, or PSY 201<sup>2</sup> Requires COM 401 Communication Ethics or other 300- and/or 400-level GEN-designated class.<sup>3</sup> Recommended minor in Business, Music, Drama, Graphic Design, Art, Theology, Youth Ministry, Psychology, Sociology, or International Relations.<sup>4</sup> HUM 201, 202, 203 or 204. MUS 130 must be taken for second humanities course.<sup>5</sup> Refer to the 'Grade Requirements' section in Music department policies.<sup>6</sup> Refer to the 'Music Seminar' section in Music department policies.<sup>7</sup> Applied Piano or Class Piano must be taken until completion of PRFM 100.<sup>8</sup> Refer to the 'Ensemble' section in Music department policies.<sup>9</sup> A grade of "C" or higher must be earned in COMP 102.<sup>10</sup> A grade of "C" or higher must be earned in COM 101.<sup>11</sup> HUM 201, 202, 203 or 204. MUS 130 must be taken for second humanities course.



MUS 441	String Instruments	1
MUS 399	Junior Recital	2
MUS 421	Senior Recital	3
Instrumental Concentration		—
Total		25

**Keyboard Concentration**

MUS 026-027	Applied Music: Primary	12
MUS 004-023,131, 135-136	Applied Music: Secondary	4
MUS 327	Keyboard Pedagogy and Repertoire	1
MUS 341	Brass and Percussion Instruments	1
MUS 342	Woodwind Instruments	1
MUS 441	String Instruments	1
MUS 399	Junior Recital	2
MUS 421	Senior Recital	3
Keyboard Concentration Total		25

**Vocal Concentration**

MUS 029	Applied Music: Primary	12
MUS 001-023, 125-127,135-136	Applied Music: Secondary	4
MUS 241	Phonetics and English Diction For Singers	1
MUS 242	Diction for Singers	2
MUS 325	Vocal Pedagogy & Repertoire	1
MUS 399	Junior Recital	2
MUS 421	Senior Recital	3
Vocal Concentration Total		25
Electives		6
Degree Total		120

**Music Production Major****Bachelor of Science**

<b>General Education</b>		Credit Hours
Intro to Whole Person Educ (GEN 150)		1
English (COMP 102)		3
Foreign language		3
Oral Communication (COM 101)		3
Biblical Literature		4
Theology (THE 104 and 105)		4
Laboratory Science (lecture and lab)		4
Science elective		3
Mathematics (MAT 232 or 325)		3
Civics		3
Humanities <sup>1</sup>		6
Social Science Elective (MUS 208) <sup>2</sup>		3
Health and Physical Education		4
General Education Total		44

**Major**

ADV 221	Branding, Advertising and Storytelling	3
CAM 451	Communications Internship	3
MUS 026-047, 050, 052-055	Primary Instrument or Voice	8
MUS 124, 125,126, 001	Piano	4
MUS 001-023	Applied Instrument or Voice	2
MUS 049	Applied Audio Workstation	4
MUS 061-075, 080-086	Performance Groups <sup>3</sup>	8
MUS 079	Music Production Ensemble	1
MUS 099	Music Seminar <sup>4</sup>	2
MUS 101	Harmony I	2
MUS 102	Harmony II	2
MUS 103	Sight Singing & Ear Training I	2
MUS 104	Sight Singing & Ear Training II	2
MUS 160	Live Sound	2
MUS 165	Lights/Projection for Music	2
MUS 228	Contemporary Music Theory/Lead Chart Notation	2
MUS 245	Live Worship Music Technology	2
MUS 255	Album Recording Lab	3
MUS 260	Live Sound 2	2
MUS 313	Digital Audio Workstation	3
MUS 315	Music for Film and Other Media	3
MUS 316	Music Licensing and Distribution	3
MUS 320	Songwriting and Arranging	2
MUS 460	Professional Touring	3
PRFM 100	Piano Proficiency	0
PRFM 101	Music Vocabulary Proficiency	0
Choice of one of the following:		1
MUS 105	Introduction to Music Production	
MUS 106	Intermediate Music Production	
Choice of the following courses or one of the programs		9
PRFM	Contemporary Music Center	
PRFM	The Recording Workshop CORE	
MUS 381	Sound Stage Recording AND	
MUS 385	Advanced Music Production	
MUS 289	Music Industry Practices	
Major Total		80
Degree Total		124

**Music Therapy Major****Bachelor of Music**

<b>General Education</b>		Credit Hours
Intro to Whole Person Educ (GEN 150)		1
English (COMP 102)		3

Foreign language	3
Oral Communication (COM 101)	3
Biblical Literature	4
Theology (THE 104 and 105)	4
Laboratory Science (lecture and lab)	4
Applied Anatomy and Physiology (HLSS 319)	4
Mathematics (MAT 232 or 325)	3
Civics	3
Humanities	6
Social Science Elective (PSY 201)	3
Health and Physical Education <sup>7</sup>	3.5
General Education Total	44.5

**Major**

MUS 099	Music Seminar <sup>8</sup>	2
MUS 026-047	Applied Music: Primary	12
MUS 004, 125-127	Applied Music: Secondary <sup>5</sup>	4
MUS 061-075, 080-087	Performance Groups <sup>6</sup>	6
MUS 101	Harmony I	2
MUS 102	Harmony II	2
MUS 103	Sight Singing & Ear Training I	2
MUS 104	Sight Singing & Ear Training II	2
MUS 105	Intro to Music Production	1
MUS 201	Harmony, Sight Singing, and Ear Training II	3
MUS 202	Harmony, Sight Singing, and Ear Training IV	3
MUS 205	History & Literature of Music I	4
MUS 206	History & Literature of Music II	4
MUS 333	Conducting I	2
MUS 421	Senior Recital	2
PRFM 100	Piano Proficiency	Error! Bookmark not defined. 0
PRFM 101	Music Vocabulary Proficiency	0
PRFM 102	Guitar Proficiency	0
Choice of three of the following courses <sup>7</sup>		3
MUS 004	Voice	
MUS 005	Guitar	
MUS 023	Percussion	
MUS 131	Class Voice	
MUS 135	Class Guitar I	
MUS 136	Class Guitar II	
Major Total		54

**Music Therapy Courses**

MUT 153	Introduction to Music Therapy	2
MUT 156	Clinical Orientation	1
MUT 203	Psychology of Music	3
MUT 256	Instr. Skills in Music Therapy	1

<sup>1</sup> HUM 201, 202, 203 or 204. MUS 130 must be taken for second humanities course.

<sup>2</sup> Refer to the 'Grade Requirements' section in Music department policies.

<sup>3</sup> Applied Piano or Class Piano must be taken until completion of PRFM 100.

<sup>4</sup> Refer to the 'Music Seminar' section in Music department policies.

<sup>5</sup> If piano is the primary instrument then guitar will be the secondary instrument.

<sup>6</sup> Refer to the 'Ensemble' section in Music department policies.

<sup>7</sup> If Voice is the primary instrument, Music Therapy Instruments should consist of two semesters of Guitar and one semester of Ethnic Drumming. If Guitar is the primary or

secondary instrument then Music Therapy Instruments should consist of two semesters of Voice and one semester of Ethnic Drumming.

MUT 303	Music Therapy I: Developmental	2	DRAM 216 Stagecraft I	3	DRAM 110 Theatre History I	3
MUT 306	Clinical I: Developmental	1	DRAM 336 Directing	3	DRAM 116 Introduction to Theatrical Design	3
MUT 353	Music Therapy II: Geriatric	2	DRAM 420 Performance Art Management	3	DRAM 120 Survey of Applied Theatre	3
MUT 356	Clinical II: Geriatric	1	DRAM 498 Senior Paper Preparation	1	DRAM 130 Improvisation and Theatre Games	3
MUT 403	Music Therapy III: Psychiatric	2	DRAM 499 Senior Paper/Project	2	DRAM 201 Makeup Design	3
MUT 406	Clinical III: Psychiatric	1	Choice of one of the following design classes:	3	DRAM 204 Playwriting	3
MUT 453	Music Therapy IV: Med/Rehab	2	DRAM 233 Lighting Design I		DRAM 210 Theatre History II	3
MUT 456	Clinical IV: Med/Rehab	1	DRAM 255 Scenic Design I		DRAM 216 Stagecraft I	3
MUT 470	Music Therapy Research & Methods	3	DRAM 303 Costume Design		DRAM 336 Directing	3
MUT 480	Music Therapy Internship	3	Theatre Core Total	40	DRAM 420 Performance Art Management <sup>10</sup>	3
PSY 301	Developmental Psychology	3	Minor Total	18	DRAM 498 Senior Paper Preparation <sup>11</sup>	1
PSY 338	Psychology of Abnormal Behavior	3	Electives	6	DRAM 499 Senior Paper/Project <sup>12</sup>	2
	Music Therapy Courses Total	31	Degree Total	120	Choice of one of the following design classes: <sup>13</sup>	3
	Degree Total	129.5			DRAM 233 Lighting Design I	
					DRAM 255 Scene Design I	
					DRAM 303 Costume Design	

### Theatre Major

#### Bachelor of Arts

General Education	Credit Hours
Intro to Whole Person Educ (GEN 150)	1
English (COMP 102, 303)	6
Foreign language	6
Oral Communication (COM 101)	3
Biblical Literature	4
Theology (THE 104 and 105)	4
Laboratory Science (lecture and lab)	4
Mathematics (MAT 232 or 325)	3
Civics <sup>1</sup>	3
Humanities <sup>2</sup>	6
Social Science Elective	3
Scaffolding Interdisciplinary Courses	9
Health and Physical Education	4
General Education Total	56

#### Theatre Core

DRAM 105 Theatre Laboratory <sup>3</sup>	4
DRAM 110 Theatre History I	3
DRAM 116 Introduction to Theatrical Design	3
DRAM 120 Survey of Applied Theatre	3
DRAM 130 Improvisation and Theatre Games	3
DRAM 201 Makeup Design	3
DRAM 204 Playwriting	3
DRAM 210 Theatre History II	3

### Theatre Major

#### Bachelor of Fine Arts

All students who want to pursue this major are considered candidates through their first year. At the end of the first year, candidates must go through a portfolio/interview process in order to be accepted. Students in this major choose one of the following tracks: Acting; Design & Theatrical Production; Musical Theatre; Teacher Certification.

General Education	Credit Hours
Intro to Whole Person Educ (GEN 150)	1
English (COMP 102)	3
Foreign language	3
Oral Communication (COM 101)	3
Biblical Literature	4
Theology (THE 104 and 105)	4
Laboratory Science (lecture and lab)	4
Mathematics (MAT 232 or 325)	3
Civics <sup>4</sup>	3
Humanities <sup>5</sup>	6
Social Science Elective <sup>6</sup>	3
Health and Physical Education	4
General Education Total	41

#### Theatre Core

DRAM 090 Mid-Year Review <sup>7</sup>	0
DRAM 095 Performance/Portfolio Evaluation <sup>8</sup>	0
DRAM 105 Theatre Laboratory <sup>9</sup>	4

Theatre Core Total<sup>14</sup> 40

#### Acting Track

DRAM 205 Acting I	3
DRAM 206 Acting II	3
DRAM 220 Voice, Diction and Phonetics	3
DRAM 290 Audition Techniques	3
DRAM 291 Viewpoints	3
DRAM 301 Acting for Musical Theatre	3
DRAM 307 Movement for the Actor	3
DRAM 332 Acting III	3
DRAM 375 Meisner Technique I	3
DRAM 376 Meisner Technique II	3
DRAM 407 Film Acting Technique	3
DRAM 410 Voice and Dialects	3
DRAM 424 Acting IV: Shakespeare	3
DRAM 425 Acting V: Modern Styles	3
TVF 345 Talk Radio	3

Acting Track Total 45

Degree Total - Acting Track 126

#### Design and Theatrical Production Track

ART 223 Crafts	3
ART 333 Watercolor	3
MUS 105 Introduction to Music Production	1
MUS 106 Intermediate Music Production	1

<sup>1</sup> Choose from GOV 101, HIS 110 or HIS 111.

<sup>2</sup> Second Humanities must be DRAM 215 which must be completed with a minimum grade of 'C'.

<sup>3</sup> DRAM 105 is completed eight times for .5 credits.

<sup>4</sup> For all concentrations except Theatre for Healing, choose from GOV 101, HIS 110 or HIS 111.

<sup>5</sup> For all concentrations except Theatre for Healing, second Humanities must be DRAM

215 which must be completed with a minimum grade of 'C'.

<sup>6</sup> Theatre for Healing concentration students must take SOC 101.

<sup>7</sup> DRAM 090 is completed four times.

<sup>8</sup> DRAM 095 is completed four times.

<sup>9</sup> DRAM 105 is completed eight times for 0.5 credits, unless in Musical Theatre or Teacher Certification tracks. Musical Theatre track students take DRAM 105 four times at 0.5 credit each. Teacher Certification track students take DRAM 105 only once.

<sup>10</sup> Musical Theatre track takes DRAM 205 and not DRAM 420

<sup>11</sup> Students in Teacher Certification track do not take DRAM 498

<sup>12</sup> Students in Teacher Certification track do not take DRAM 499

<sup>13</sup> Musical Theatre track does not take a design choice, but takes DRAM 301 Acting for Musical Theatre

<sup>14</sup> Musical Theatre track 'Theatre Core' total is 38 hours & Teacher Certification 'Theatre Core' total is 33.5 hours.

MUS 260	Live Sound II	2
DRAM 240	Stage Management	3
DRAM 275	Costume History	3
DRAM 276	Intro. to Costume Construction	3
DRAM 320	Costume Flat Patterning and Draping	3
DRAM 330	Lighting Design II	3
DRAM 355	Scenic Design II	3
DRAM 415	History of Decoration	3
DRAM 490	Design/Technology Practicum	3
Choose one of the following:		3
ART 213	Drawing	
ART 214	Figure Drawing	
Choose two additional design classes:		6
DRAM 233	Lighting Design I	
DRAM 255	Scenic Design I	
DRAM 303	Costume Design	

Design & Theatrical Production Track Total 43

Degree Total – Design & Theatrical Production Track 124

### **Musical Theatre Track**

The musical theatre track incorporates dance, acting, theatre and music.

DANP 100	Beginning Ballet <sup>1</sup>	4
DANP 101	Beginning Modern Dance <sup>2</sup>	4
DANP 102	Beginning Dance Forms <sup>3</sup>	4
DANP	Electives	6
MUS 004	Applied Music: Voice <sup>4</sup>	8
MUS 020	Vocal Coaching	3
MUS 073	Opera Theatre <sup>5</sup>	4
MUS 099	Music Seminar	2
MUS 101	Harmony I	2
MUS 102	Sight Singing I	2
MUS 103	Harmony II	2
MUS 104	Sight Singing II	2
MUS 124	Piano Preparation	1
MUS 241	Phonetics for Singers	1
MUS 352	Musical Theatre History	2

Musical Theatre Track Total 47

Degree Total – Musical Theatre Track 126

### **Teacher Certification Track**

#### **Speech, Drama, Debate Courses**

COM 202	Competitive Speaking	3
COM 309	Argumentation and Persuasion	3
COM 400	Debate and Forensics Team	3
DANP 107	Dance Improvisation	1
DRAM 205	Acting I	3
DRAM 360	Theatre for Youth and Young	3

Audiences	
DRAM 407	Film Acting Technique 3
Choice of one of the following three classes:	3
COM 102	Voice, Diction and Phonetics
DRAM 345	Voiceover Techniques
DRAM 410	Voice and Dialects
Choice of one of the following two classes:	3
GOV 487	Oklahoma Intercollegiate Leg.
GOV 488	Model United Nations

#### **Professional Education Courses**

COM 110	Teaching Communication Arts	3
PED 100	Education Seminar (every semester)	0
PED 131	Pre-clinical I – Intro	1
PED 203	Foundations and Methods of Educ.	3
PED 222	School Health Care	1
PED 305	Pedagogy I	4
PED 306	Pedagogy II	4
PED 361	Prof. Education Seminar/Portfolio	1
PED 485	Intern/Student Teaching: 7-9	5
PED 495	Intern/Student Teaching: 10-12	5

Teacher Certification Track Total 52

Degree Total – Teacher Certification track 126.5

### **Theatre for Healing Track**

DRAM 205	Acting I	3
DRAM 207	Playback Theatre	3
DRAM 209	Theatre for Healing w/ Specific Populations I	3
DRAM 209L	Theatre for Healing w/ Specific Populations I Lab	1
DRAM 240	Stage Management	3
DRAM 308	Theatre for Healing w/ Specific Populations II	3
DRAM 308L	Theatre for Healing w/ Specific Populations II Lab	1
DRAM 318	Devising and Playbuilding	3
DRAM 360	Theatre for Youth	3
DRAM ___	Drama Elective	6

Theatre for Healing Track Total 29

#### **Behavioral Sciences Cognate**

PSY 201	Introduction to Psychology	3
Choice of one of the following:		3
SOC 300	Group Dynamics	
PSY 212	Social Psychology	
SOC 308	Cultural Anthropology	

Choice of one of the following:	3
PSY 301	Developmental Psychology
PSY 355	Child Psychology
Choice of one of the following:	3
PSY 338	Abnormal Psychology
PSY 321	Psychology for Personality Development
Cognate Total	12
Degree Total – Theatre for Healing Track	122

### **Worship Arts Major**

#### **Bachelor of Science**

<b>General Education</b>	Credit Hours
Intro to Whole Person Educ (GEN 150)	1
English (COMP 102)	3
Foreign language	3
Oral Communication (COM 101)	3
Biblical Literature <sup>6</sup>	4
Theology (THE 104 and 105)	4
Laboratory Science (lecture and lab)	4
Science elective	3
Mathematics (MAT 232 or 325)	3
Civics	3
Humanities <sup>7</sup>	6
Social Science Elective (MUS 208) <sup>8</sup>	3
Health and Physical Education <sup>8</sup>	4
General Education Total	44

#### **Major**

MUS 004, 131	Applied Voice	4
Choice of applied piano or guitar courses:		4
MUS 001, 124-127	Applied Piano	
MUS 005, 135-136	Applied Guitar	
MUS 061-075, 080-086	Performance Groups	8
MUS 089	Cont. Music Ministry Ensemble (4 semesters)	0
MUS 098	Seminar for Worship Majors	2
MUS 099	Music Seminar (4 semesters)	0
MUS 101	Harmony I	2
MUS 102	Harmony II	2
MUS 103	Sight Singing & Ear Training I	2
MUS 104	Sight Singing & Ear Training II	2
MUS 105	Introduction to Music Production	1
MUS 160	Live Sound I	2
Choice of one of the following courses:		2
MUS 207	Guitar Skills for Worship	
MUS 210	Keyboard Skills for Worship	
MUS 228	Contemporary Music Theory/Lead Chart Notation	2
MUS 130	Music Appreciation	3

<sup>1</sup> Students may also enroll in DANP 103, 203, 303 or 403 based on placement.

<sup>2</sup> Students may also enroll in DANP 104, 204, 304 or 404 based on placement.

<sup>3</sup> Students may also enroll in DANP 105, 205, or 305 based on placement.

<sup>4</sup> MUS 004 is completed eight times for 1.0 credit hours.

<sup>5</sup> MUS 073 is completed four times for 1.0 credit hours.

<sup>6</sup> Students pursuing the theology concentration must enroll in BIB 222 and

BIB 261. This will increase the general education credit hours to 46.

<sup>7</sup> DRAM 215 must be taken for second humanities course.

<sup>8</sup> Refer to the 'Grade Requirements' section in Music department policies.

MUS 309	Biblical Foundations of Worship	3
MUS 320	Songwriting & Arranging	2
MUS 333	Conducting I	2
MUS 417	The Worship Service: Design and	3
Function		
MUS 420	Worship Internship	3
MUS 451	Worship Ministry Leadership	3
MUS 452	Worship in the Modern Church	3
MUS	Elective	3
PRFM 100	Piano Proficiency <sup>1</sup>	0
PRFM 101	Music Vocabulary Proficiency	0
Major Total		58

### **Concentrations**

Worship arts majors choose between a concentration in dance, ethnomusicology, music production, theology, or theatre.

### **Dance Concentration**

DANP 230	Dance for Worship	3
DANP	Electives	4
Choice of ballet courses:		3
DANP 100	Ballet	
DANP 103	Ballet I	
DANP 203	Ballet II	
DANP 303	Ballet III	
DANP 403	Ballet IV	
Choice of modern dance courses:		3
DANP 101	Modern Dance I	
DANP 204	Modern Dance II	
DANP 304	Modern Dance III	
DANP 404	Modern Dance IV	
Choice of related dance forms:		2
DANP 105	Related Dance Forms I	
DANP 205	Related Dance Forms II	
DANP 305	Related Dance Forms III	
Dance Concentration Total		15

### **Ethnomusicology Concentration**

MUS 170	Cross-Cultural Worship	3
MUS 270	Ethnomusicology in Practice	3
MUS 370	Ethnic Music Perspectives	3
SOC 101	Introduction to Sociology	3
SOC 308	Cultural Anthropology	3
Ethnomusicology Conc. Total		15

### **Music Production Concentration**

MUS 049	Applied Audio Workstation	4
MUS 079	Music Production Ensemble	1
MUS 165	Lighting/Video for Music	2
MUS 245	Live Worship Music Technology	2
MUS 313	Digital Audio Workstation	3
MUS 315	Music for Film and Other Media	3
Music Production Conc. Total		15

### **Theatre Concentration**

DRAM 130	Improv and Theatre Games	3
DRAM 204	Playwriting	3
DRAM 216	Introduction to Technical Prod	3
DRAM 336	Directing	3
DRAM 405	Makeup Design	3

Theatre Concentration Total 15

### **Theology Concentration**

BIB 306	Hermeneutics: Principles of Biblical Interpretation	3
CHRM 305	Teaching the Bible	3
THE 299	Introduction to Theology	3
Choice of two of the following:		6
CCC 315	Charismatic/Pentecostal Approaches to Counseling	
CHRM 302	Christian Leadership	
CHRM 317	Introduction to Youth Ministry	
CHRM 351	Team Ministry	
CHRM 460	Church Administration	

Theology Concentration Total 15  
Electives 5

Degree Total 122

### **Dance Minor**

Choice of four hours from the following:	4
DANP 100 Beginning Ballet	
DANP 103 Ballet I	
DANP 203 Ballet II	
DANP 303 Ballet III	
DANP 403 Ballet IV	
Choice of four hours from the following:	4
DANP 101 Beginning Modern Dance	
DANP 104 Modern Dance I	
DANP 204 Modern Dance II	
DANP 304 Modern Dance III	
DANP 404 Modern Dance IV	
Choice of four hours from the following:	4
DANP 102 Beginning Dance Forms	
DANP 105 Dance Forms I	
DANP 205 Dance Forms II	
DANP 305 Dance Forms III	
DANP Dance Electives <sup>2</sup>	6
Minor Total	18

### **Drama Minor**

DRAM 130	Improv and Theatre Games	3
DRAM 215	Introduction to Theatre	3
DRAM 216	Stagecraft I	3
DRAM 336	Directing	3
Choice of two of the following courses:		6
DRAM 110	Theatre History I	
DRAM 116	Introduction to Theatrical Design	
DRAM 120	Survey of Applied Theatre	
DRAM 201	Makeup Design	
DRAM 204	Playwriting	

DRAM 210	Theatre History II	
DRAM 233	Lighting Design I	
DRAM 255	Scenic Design I	
DRAM 303	Costume Design	

Minor Total 18

### **Ethnomusicology Minor**

Requirements for students majoring in another discipline are a minimum of 18 semester hours selected from the courses listed in 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. Students must declare the ethnomusicology minor with the music department.

Choice of the following courses:

MUS 100	Fundamentals of Music	3
MUS 101/103	Harmony I/Sight Singing I	4

Music Theory Total 3-4

Choice of four of the following courses:

MUS 170	Cross-Cultural Worship	3
MUS 208	Music in World Cultures	3
MUS 270	Ethnomusicology in Practice	3
MUS 370	Ethnic Music Perspectives	3
MUS 470	Cross-Cultural Internship	3

Ethnomusicology Total 12

Choice of one of the following courses:

ELL 415	Cross-Cultural Communication	3
HIS	Area History Course	3
(HIS 362, 371, 381, 382, 464, 472, 473, 483)		
HUM 333	Humanities Travel Studies	3
HUM 350	Area Studies	3
SOC 101	Introduction to Sociology	3
SOC 308	Cultural Anthropology	3

Elective Total 3

Minor Total 18-19

### **Media Minor**

Students choose 18 credits from at least two of the following groups:

#### **GROUP I**

ADV 221	Branding, Promotions & Storytelling	3
JRN 321	Media Law & Ethics	3
MMC 104	Media & Pop Culture	3
TVF 317	Media Analysis	3

#### **GROUP II**

JRN 107	News writing I and	3
JRN 207	News writing II	3
JRN 305	News Editing	3
JRN 317	Investigative Reporting	3

<sup>1</sup> Applied Piano or Class Piano must be taken until completion of PRFM 100.

<sup>2</sup> With approval of the dance program director.

JRN 444	Feature Writing	3
TVF 318	Fundamentals of Screenwriting	3

**GROUP III**

ADV 216	Advertising Fundamentals & Design	3
INT 101	Digital Composition	3
INT 200	Web Design	3
TVF 116	Workshop: Production Equipment	1
TVF 128	Principles of Audio Production	3
TVF 140	Digital Storytelling	3
TVF 216	Workshop Production Experience	1-3
TVF 231	Principles of TV Production	3
TVF 232	Field Production and Editing	3
TVF 337	Film Directing & Producing	3
TVF 345	Announcing	3
Minor Total		18

**Music Minor**

Requirements for students majoring in another discipline are a minimum of 18 semester hours selected from the courses listed in 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.

Choice of either MUS 100 or both MUS 101/103 and MUS 102/104:		
MUS 100	Fundamentals of Music	3
MUS 101/103	Harmony I/Sight Singing I	4
MUS 102/104	Harmony II/Sight Singing II	4
Music Theory Total		3-8

Choice of either MUS 130 or both MUS 205 and MUS 206:		
MUS 205	History & Literature of Music I	4
MUS 206	History & Literature of Music II	4
MUS 130	Music Appreciation	3
Music Hist/Lit Total		3-8

Choice of the following applied music classes:		
MUS 001-023	Applied Music	1
MUS 124-127	Class Piano	1
MUS 135-136	Class Guitar	1
MUS 131	Class Voice	1
Applied Music Total		3-5

Choice of the following performance groups:		
MUS 061-075, 080-086		1
Perform Group Total		3-5

Four semesters of music seminar:		
MUS 099	Music Seminar	.5
		—

Music Seminar Total	2
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Choice of the following electives.

Complete enough hours to fulfill minimum requirement of 18 credit hours:		
MUS 105	Introduction to Music Production	1
MUS 208	Music in World Cultures	3
MUS 241	Phonetics for Singers	1
MUS 242	Diction for Singers	2
MUS 313	Digital Audio Workstation	3
MUS 315	Music for Film & Other Media	3
MUS 341	Brass & Percussion Instruments	1
MUS 342	Woodwind Instruments Class	1
MUS 441	String Instruments	1
MUS 451	Worship Ministry Leadership	1
MUS 452	Worship in the Modern Church	3

Elective Total	0-4
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Minor Total	18
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**Music Production Minor**

Requirements for students majoring in another discipline are a minimum of 18 semester hours selected from the courses listed in 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.

Choice of the following courses:		
MUS 100	Fundamentals of Music	3
MUS 101/103	Harmony I/Sight Singing I	4
Music Theory Total		3-4

Choice of either MUS 130 or both MUS 205 and MUS 206:		
MUS 205	History & Literature of Music I	4
MUS 206	History & Literature of Music II	4
MUS 130	Music Appreciation	3
Music Hist/Lit Total		3-8

Choice of the following applied music classes:		
MUS 001-023	Applied Music	1
MUS 124-127	Class Piano	1
MUS 135-136	Class Guitar	1
MUS 131	Class Voice	1
Applied Music Total		2-8

Choice of the following performance groups:		
MUS 061-075, 080-086		2
Perform Group Total		2

Four semesters of music seminar:		
MUS 099	Music Seminar	.5
		—
Music Seminar Total		2

Choice of the following music production courses:

MUS 025	Applied Audio Workstation	1
MUS 049	Applied Audio Workstation	2
MUS 160	Live Sound	2
MUS 165	Lights/Projection for Music	2
MUS 260	Live Sound 2	2
MUS 313	Digital Audio Workstation	3
MUS 315	Music for Film & Other Media	3
MUS 316	Music Licensing and Distribution	3
MUS 381	Sound Stage Recording	3
MUS 389	Music Industry Practices	3

Choice of one of the following: 1

MUS 105	Introduction to Music Production	
MUS 106	Intermediate Music Production	

Music Production Total	6-9
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Minor Total	18
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**Worship Leadership Minor**

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.

Choice of the following courses:		
MUS 100	Fundamentals of Music	3
MUS 101/103	Harmony I/Sight Singing I	4
Music Theory Total		3-4

Choice of one of the following courses:		
MUS 207	Guitar Skills for Worship	
MUS 210	Keyboard Skills for Worship	
Music Improvisation Total		2

Choice of the following applied music courses (piano, voice or guitar):		
MUS 001, 004, 005	Applied Lessons	
MUS 124-127	Class Piano OR	
MUS 131	Class Voice OR	
MUS 135-136	Class Guitar I and II	
Applied Music Total		3

Choice of the following Performance Groups:		
MUS 061-067, 070, 080-086	(taken four times)	
MUS 089	Contemporary Music Ministry (completed for two semesters)	
Performance Group Total		4

## Worship Leadership Courses:

MUS 451	Worship Ministry Leadership	3
MUS 452	Worship in the Modern Church	3

Worship Lead Total	6
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Minor Total	18
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**Departmental Courses**

Note: A jury is required for all applied music lessons.

**Dance Performance**

DANP 090	Mid-Year Evaluation
DANP 100	Beginning Ballet
DANP 101	Beginning Modern Dance
DANP 102	Beginning Dance Forms
DANP 103	Ballet I
DANP 104	Modern Dance I
DANP 105	Dance Forms I
DANP 106	Dance Seminar
DANP 107	Improvisation I
DANP 108	Improvisation II
DANP 109	Dance Ensemble
DANP 125	History of Dance I
DANP 203	Ballet II
DANP 204	Modern Dance II
DANP 205	Dance Forms II
DANP 207	Fundamentals of Choreography
DANP 230	Dance for Worship
DANP 303	Ballet III
DANP 304	Modern Dance III
DANP 305	Dance Forms III
DANP 307	Intermediate Choreography
DANP 325	History of Dance II
DANP 403	Ballet IV
DANP 404	Modern Dance IV
DANP 406	Pedagogy I: Dance Techniques for Children
DANP 407	Advanced Choreography
DANP 420	Performing Arts Management
DANP 426	Pedagogy II: Dance Techniques for Secondary Education
DANP 490	Senior Performance
DANP 999	Dance Elective

**Drama**

DRAM 090	Midyear Evaluation
DRAM 095	Performance/Portfolio Review
DRAM 105	Theatre Laboratory
DRAM 107	Film Acting Technique
DRAM 110	Theatre History I
DRAM 116	Introduction to Theatrical Design
DRAM 120	Survey of Applied Theatre
DRAM 130	Improvisation and Theatre Games
DRAM 150	Drama in the Church
DRAM 201	Makeup Design
DRAM 204	Playwriting for the Church
DRAM 205	Acting I
DRAM 206	Acting II
DRAM 207	Playback Theatre
DRAM 209	Theatre for Healing with Specific Populations I

DRAM 209L	Theatre for Healing with Specific Populations I Lab
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DRAM 210	Theatre History II
DRAM 215	Introduction to Theatre
DRAM 216	Stagecraft I
DRAM 220	Voice, Diction and Phonetics
DRAM 227	Theatre Forms
DRAM 233	Lighting Design I
DRAM 240	Stage Management
DRAM 255	Scenic Design I
DRAM 275	Costume History
DRAM 276	Introduction to Costume Construction
DRAM 290	Audition Techniques
DRAM 291	Viewpoints
DRAM 301	Acting for Musical Theatre
DRAM 303	Costume Design
DRAM 305	Theatre History II
DRAM 307	Movement for the Actor
DRAM 308	Theatre for Healing with Specific Populations II
DRAM 308L	Theatre for Healing with Specific Populations II Lab
DRAM 318	Devising and Playbuilding
DRAM 320	Flat Patternmaking and Draping
DRAM 330	Lighting Design II
DRAM 332	Acting III
DRAM 336	Directing
DRAM 345	Voiceover Technique
DRAM 350	Radio Drama
DRAM 355	Scene Design II
DRAM 360	Theatre for Youth and Young Audiences
DRAM 375	Meisner Technique I
DRAM 376	Meisner Technique II
DRAM 407	Film Acting Technique
DRAM 410	Voice and Dialects
DRAM 415	History of Decoration
DRAM 420	Performing Arts Management
DRAM 424	Acting IV: Shakespeare
DRAM 425	Acting V: Modern Styles
DRAM 490	Design/Techniques Practicum
DRAM 498	Senior Paper Preparation
DRAM 499	Research and Senior Paper/Project
DRAM 999	Drama Elective

**Interactive Media**

INT 101	Digital Composition
INT 200	Web Design
INT 202	Introduction to 3-D and Animation
INT 212	Workshop: Interactive Media
INT 401	Advanced Interactive Media
INT 999	Interactive Media Elective

**Mass Media Communications**

MMC 104	Media and Pop Culture
MMC 489	Campaign Strategies
MMC 499	Senior Research Project
MMC 999	Mass Media Communications Elective

**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 010	Drum Set
MUS 011	Double Bass
MUS 012	Flute
MUS 013	Oboe
MUS 014	Clarinet
MUS 015	Saxophone
MUS 016	Bassoon
MUS 017	French Horn
MUS 018	Trumpet
MUS 019	Trombone
MUS 020	Vocal Coaching
MUS 021	Baritone Horn
MUS 022	Tuba
MUS 023	Percussion
MUS 024	Composition
MUS 025	Audio Workstation
MUS 051	Arranging

**Applied Music (Primary instrument or voice)**

MUS 026	Piano
MUS 027	Organ
MUS 028	Harpsichord
MUS 029	Voice
MUS 031	Guitar
MUS 032	Harp
MUS 033	Violin
MUS 034	Viola
MUS 035	Violoncello
MUS 036	Double Bass
MUS 037	Flute
MUS 038	Oboe
MUS 039	Clarinet
MUS 040	Saxophone
MUS 041	Bassoon
MUS 042	French Horn
MUS 043	Trumpet
MUS 044	Trombone
MUS 045	Baritone Horn
MUS 046	Tuba
MUS 047	Percussion
MUS 048	Composition
MUS 049	Audio Workstation
MUS 050	Drum Set
MUS 052	Contemporary Guitar
MUS 053	Contemporary Piano
MUS 054	Contemporary Drums and Percussion
MUS 055	Contemporary Bass
MUS 059	Arranging

**Music**

MUS 056	Mid-Year Review
MUS 098	Seminar for Worship Majors

MUS 099	Music Seminar	MUS 341	Brass and Percussion Instruments	MUS 083	Brass Ensemble
MUS 100	Fundamentals of Music	MUS 342	Woodwind Instruments	MUS 085	Vocal Ensemble
MUS 101	Harmony I	MUS 352	History of Musical Theatre	MUS 086	Jazz Combo
MUS 102	Harmony II	MUS 360	Advanced Film Music	MUS 087	Handbell Choir
MUS 103	Sight Singing & Ear Training I	MUS 370	Ethnic Music Perspectives	MUS 089	Contemporary Music Ministry Ensemble
MUS 104	Sight Singing & Ear Training II	MUS 381	Sound Stage Recording		
MUS 105	Introduction to Music Production	MUS 385	Advanced Music Production		
MUS 106	Intermediate Music Production	MUS 389	Music Industry Practices	<b>Proficiencies</b>	
MUS 124	Preparatory Class Piano	MUS 399	Junior Recital	PRFM 100	Piano Proficiency
MUS 125	Class Piano I	MUS 401	Principles of Counterpoint	PRFM 101	Music Vocabulary Proficiency
MUS 126	Class Piano II	MUS 417	The Worship Service: Design and Function	PRFM 102	Guitar Proficiency
MUS 127	Class Piano III			PRFM 104	Music Technology Proficiency
MUS 130	Music Appreciation	MUS 420	Worship Internship	PRFM 466	Clinical Musical Therapy Proficiency
MUS 131	Class Voice	MUS 421	Senior Recital		
MUS 135	Class Guitar I	MUS 426	Elementary Music Methods and Evaluation	<b>Theatre, Dance &amp; Visual Arts</b>	
MUS 136	Class Guitar II			TDVA 453	Directed Study & Research
MUS 160	Live Sound	MUS 427	Secondary Music Methods and Evaluation	<b>Television and Film</b>	
MUS 165	Lights and Projection for Music	MUS 431	Composition: Advanced Studies-Ensembles	TVF 116	Workshop: Production Equipment
MUS 170	Cross-Cultural Worship			TVF 127	Introduction to Audio Production
MUS 185	Interdisciplinary Songwriting	MUS 441	String Instruments	TVF 128	Principles of Audio Production
MUS 201	Harmony, Sight Singing, and Ear Training III	MUS 443	Conducting II: Choral	TVF 140	Digital Storytelling
MUS 202	Harmony, Sight Singing, and Ear Training IV	MUS 444	Conducting II: Instrumental	TVF 216	Workshop: Production Experiences
MUS 205	History and Literature of Music I	MUS 451	Worship Ministry Leadership	TVF 218	Workshop: KORU
MUS 206	History and Literature of Music II	MUS 452	Worship in the Modern Church	TVF 228	Introduction to TV Production
MUS 207	Guitar Skills for Worship	MUS 460	Professional Touring	TVF 231	Principles of TV Production
MUS 208	Music in World Cultures	MUS 461	Departmental Seminar	TVF 232	Field Production and Editing
MUS 210	Keyboard Skills for Worship	MUS 470	Cross-Cultural Internship	TVF 233	Production Software
MUS 228	Contemporary Music Theory/Lead Chart Notation	MUS 499	Senior Project/Paper	TVF 305	Visual Media Industries
MUS 241	Phonetics & English Diction for Singers	MUS 999	Music Elective	TVF 312	Advanced Audio Production
MUS 242	Diction for Singers	<b>Music Therapy</b>		TVF 313	Lighting for TV/Film
MUS 245	Live Worship Music Technology	MUT 153	Introduction to Music Therapy	TVF 314	Media Operations
MUS 255	Album Recording Lab	MUT156	Clinical Orientation	TVF 316	Workshop: Production Experience
MUS 256	Songwriting Lab for Album Recording	MUT 203	Psychology of Music	TVF 317	Media Analysis
MUS 260	Live Sound 2	MUT 256	Instrumental Skills for Music Therapy	TVF 318	Fundamentals of Screenwriting
MUS 270	Ethnomusicology in Practice	MUT 303	Music Therapy I: Developmental	TVF 325	Cinematography
MUS 301	Form and Analysis	MUT 306	Clinical I: Developmental	TVF 329	Advanced Television Production
MUS 302	Orchestration	MUT 353	Music Therapy II: Geriatric	TVF 337	Film Directing and Producing
MUS 309	Biblical Foundations of Worship	MUT 356	Clinical II: Geriatric	TVF 345	Talk Radio
MUS 310	Studies in Advanced Music Production	MUT 403	Music Therapy III: Psychiatric	TVF 350	Advanced Post-Production
MUS 313	Digital Audio Workstation	MUT 406	Clinical III: Psychiatric	TVF 355	Advanced Film Directing
MUS 315	Music for Film and other Media	MUT 453	Music Therapy IV: Med/Rehab	TVF 408	Broadcast News
MUS 316	Music Licensing and Distribution	MUT 456	Clinical IV: Med/Rehab	TVF 409	Broadcast News Lab
MUS 317	Music Production Practicum	MUT 466	Clinical Music Therapy Proficiency	TVF 416	Workshop: Advanced Production Equipment
MUS 320	Songwriting and Arranging	MUT 470	Music Therapy Research/Methods	TVF 447	Producing and Directing
MUS 325	Vocal Pedagogy and Repertoire	MUT 480	Music Therapy Internship	TVF 457	Advanced Field Production and Editing
MUS 326	Instrumental Pedagogy and Repertoire			TVF 477	Production House
MUS 327	Keyboard Pedagogy and Repertoire	<b>Performance Groups</b>		TVF 499	Senior Research Project
MUS 328	Orchestration for Film Music	MUS 061	Chamber Singers	TVF 999	Television and Film Elective
MUS 329	Marching Band Techniques	MUS 063	University Chorale		
MUS 333	Conducting I	MUS 065	Orchestra		
MUS 335	Composition I	MUS 067	Wind Ensemble		
MUS 337	Composition: Small Ensembles	MUS 070	Chamber Ensemble		
MUS 338	20th Century Composition Materials	MUS 073	Opera Theatre		
		MUS 074	Summer Music Ensemble		
		MUS 075	Jazz Ensemble		
		MUS 079	Music Production Ensemble		
		MUS 080	Guitar Ensemble		
		MUS 081	String Ensemble		

## College of Business

Julie Huntley, Ph.D., Dean

**Mission Statement:** The College of Business at Oral Roberts University is firmly grounded in a concept of abundant life and the belief that all people are capable of finding prosperous living with God as their Source. The comprehensive integrated curriculum is designed to provide a business education with a commitment to the Christian way of life. The College of Business seeks (1) to graduate well-qualified professionals who provide expert leadership as corporate executives, entrepreneurs, government officials, counselors, nonprofit administrators, and teachers; and (2) to provide an education that enables business graduates to manage people and resources within the context of the healing love of Jesus Christ and Biblical principles of concern for the welfare of the whole person. To this end, students are challenged to develop a perspective of wholeness in their personal lives so that they might help their clients or students develop wholeness as a way of life.

### Faculty

Rebecca Attah.....Associate Professor  
Of Finance  
B.A. University of Ghana, 1998; M.S.  
University of Idaho, 2004; M.B.A., Western  
International University, 2010; D.B.A.,  
Walden University, 2017

Ardith Baker.....Senior Professor  
of Business  
B.S., Pittsburg State University, 1980;  
M.S., Oklahoma State University, 1992;  
Ph.D., Walden University, 2011.

William T. Crawford ....Assistant Professor of  
Management and Marketing, and Chair of  
the Undergraduate Business and Fennimore  
Graduate Business Departments  
B.A., Southern Nazarene University, 1993;  
M.S.M., 1995.  
Ph.D., Grand Canyon University, 2019.

Bill Elliott.....Assistant Professor of Business  
B.S., Oklahoma State University, 1970;  
M.S., Northeastern State University, 1997;  
D.B.A., Capella University, 2016.

Doris Feltham.....Associate Professor  
of Accounting  
B.S., Oral Roberts University, 1981;  
M.B.A., Dallas Baptist University, 1993;  
Ph.D., Walden University, 2013.

Rebecca Gunn.....Associate Professor  
of Marketing  
B.A., Oral Roberts University, 2005;  
M.B.A., 2011;  
D.B.A., Anderson University, 2015.

Julie Huntley.....Professor of Marketing  
and Dean of the College of Business

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

James Russell.....Professor of Economics  
B.S., Oklahoma State University, 1973;  
M.S., 1978;  
Ph.D., Virginia Polytechnic Institute and  
State University, 1981.

Terry M. Unruh.....Assistant Professor of  
Accounting  
B.S., Oral Roberts University, 1977;  
M.B.A., 1980; C.P.A., 1994.

Megan Weinkauff .....Lecturer of  
Management  
B.S., University of Arkansas, 2010; M.B.A.,  
Strayer University, 2017

Jonathan Wiley.....Assistant Professor  
of Finance  
B.S./B.S., Oral Roberts University, 2005;  
M.B.A., 2007;  
Ph.D., Oklahoma State University, 2016.

Marshal Wright.....Senior Professor of  
Management  
B.S., Oral Roberts University, 1983;  
J.D., Regent University, 1987;  
M.B.A., Oral Roberts University, 1989;  
Ph.D., Regent University, 2003.

### Emeriti Faculty

David Dyson 1980-2019  
George E. Gillen 1965-2016  
M. Ray Gregg 1973-2018  
Rinne Martin 1977-2016  
Carol Wilson 1975-2007

### Overview

The undergraduate program of the College of Business offer nine undergraduate majors: accounting, business administration, entrepreneurship, finance, international business, international business and ministry, management, marketing, and business analytics. 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 Fennimore Fisher Graduate School of Business Master of Business Administration (M.B.A.) degree. If accepted into the fast-track program, entering freshmen may obtain their undergraduate and M.B.A. degrees in five years.

The College of Business is accredited by the Accreditation Council of Business Schools and Programs (ACBSP) for both the baccalaureate and master level programs. All of the Oral Roberts University College of Business programs (undergraduate and

graduate) have been granted specialized accreditation through the Accreditation Council for Business Schools and Programs (ACBSP).

## Undergraduate Business Department

William T. Crawford, Ph.D., Chair

### Degree Programs

The Undergraduate Business Department offers majors in business administration, accounting, entrepreneurship, finance, international business, international business and ministry, management, marketing, and business analytics. All of these majors also require cognate courses to supplement the major area of focus. Minors available through this department are general business, entrepreneurship, and nonprofit business.

### Graduation Requirements

In order for a student to graduate with a major from the Undergraduate Business Department, he or she needs to meet the following criteria in addition to university-wide graduation criteria.

Overall ORU GPA of at least 2.50.

### Majors

#### ***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 Fast Track M.B.A. program. The undergraduate degree can be completed in three years by following the degree-in-three plan sheet. More information is available from the ORU Undergraduate Business Department.

#### ***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 an Entrepreneurship minor, Nonprofit Business minor or a minor in another discipline. The undergraduate

degree can be completed in three years by following the degree-in-three plan sheet. More information is available from the ORU Undergraduate Business Department.

#### ***Business Analytics (B.B.A.)***

The business analytics major prepares students for corporate or private business, positions that require knowledge in the more quantitative enterprises, investment banking, private equity firms and graduate schools that require more quantitative preparation. The program requires eight hours of calculus, the history of economic thought and a technology minor (information technology, computer science, or data science). The major accommodates quantitative double majors and is good preparation for many graduate programs. Business Analytics majors are encouraged to enroll in the Fast Track program culminating in the M.B.A. program. The undergraduate degree program can be completed in three years by following the degree-in-three sheet. More information is available from the Undergraduate Business Department.

#### ***Entrepreneurship (B.S.)***

The major in entrepreneurship prepares students for launching businesses and succeeding in a highly competitive marketplace. The business administration cognate includes business fundamentals in accounting, finance, management, and marketing. The entrepreneurial core curriculum sharpens students' aptitudes for entrepreneurial thinking, develops their abilities to conceive and create cutting edge business models, and provides them with the tools to start and operate a business. Students will enjoy opportunities to collaborate and intern with successful entrepreneurs across the Tulsa entrepreneurial ecosystem, which has been rated as one of the top cities in America for young entrepreneurs. For those with a global vision, there are opportunities to study or work abroad and gain practical experience and build their networks through international internships, bootcamps, and conferences. The undergraduate degree can be completed in three years by following the degree-in-three plan sheet. More information is available from the ORU Undergraduate Business Department.

#### ***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 Fast Track M.B.A. program. The undergraduate degree can be completed in three years by following the degree-in-three plan sheet. More information is available from the Undergraduate Business Department.

#### ***International Business (B.S.)***

The international business major prepares students for positions in international firms. All international business majors complete the foundational courses of the business concentration, along with foreign language and culture classes in the chosen business language minor (French, Spanish, Chinese, and Hebrew). Additional languages may be added to the program as needs dictate. International business majors are encouraged to enroll in the Fast Track program culminating in the M.B.A. degree. The undergraduate degree can be completed in three years by following the degree-in-three plan sheet. More information is available from the Undergraduate Business Department.

#### ***International Business and Ministry (B.S.)***

The international business and ministry degree prepares students for positions in international, multi-national, and borderless for-profit and not-for-profit organizations. The degree will prepare graduates with Spirit-empowered corporate leadership skills, equipping them to manage people and resources in the global marketplace. The degree program allows students to minister to a hurting world through business excellence and a deeper understanding of theology. In addition to international and general business coursework, the degree requires a minor in theology (evangelism and outreach, missions, youth and family ministries or Christian apologetics). International business and ministry majors are encouraged to enroll in the Fast Track 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 Fast Track program culminating in the M.B.A. degree with a concentration in management. The undergraduate degree can be completed in three years by following the degree-in-

three plan sheet. More information is available from the ORU Undergraduate Business Department.

#### ***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. Students with this major have the option to choose a specialization in Digital Marketing or Marketing Analytics. The marketing major is encouraged to enroll in the Fast Track program culminating in the M.B.A. The undergraduate degree can be completed in three years by following the degree-in-three plan sheet. More information is available from the ORU Undergraduate Business Department.

#### ***Degree in Three***

The Undergraduate Business Department offers industrious students the opportunity to complete a bachelor's degree in three years. The degree-in-three option involves taking courses in the summers, including the summer. Degree plan sheets that show how the degrees can be completed in three years are available in the Undergraduate Business Department.

#### **Special Activities and Opportunities**

##### ***Fast Track Program***

The Fast Track Program allows ORU undergraduate 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 degree may reduce the time necessary to complete their study by enrolling in the Fast Track Program. Approved students in undergraduate business programs may take

up to 12 hours of graduate work while completing the baccalaureate program. A student who completes three or more hours may successfully finish a master's degree in 9 additional months and thus save a semester. To participate, a student should make application with the College of Business graduate admissions coordinator. General criteria used for acceptance include a 3.00 GPA and a major in a business or business-related discipline; however, students with a GPA below 3.00 may be considered on a case-by-case basis.

### **Internships**

Through the Undergraduate Business Department, students can become involved in internships locally or nationwide, thus broadening their experiences in the business world. Internship credit is available for each major in the undergraduate department.

### **Clubs and Organizations**

The College of Business has an outstanding **Enactus club**. Students design and implement self-sustaining projects that change the world. The year's activities are then presented at regional and national competitions against other schools. From the start, ORU Enactus has been named regional champions many times and has placed in the top tier of clubs in the country out of 600+ teams.

**The Accounting Society** focuses on the profession of accounting and provides opportunities for its members through professional growth, networking, and social interaction.

**The Finance Society** seeks to engage students in learning about careers in finance and participating in activities which will enhance their knowledge of finance.

**The Marketing Society** seeks to engage students with those in the marketing field and to provide additional learning opportunities to help prepare them for a profession in marketing.

### **Awards**

The Undergraduate Business Department seeks to honor those students who have made a significant contribution in the areas of academics and leadership.

The undergraduate awards presented annually include Outstanding Student of the Year, Outstanding Academic Achievement in the Major, Dean's Award, OneOK Outstanding Contribution to the College of Business, ACBSP Outstanding Leadership Award, Outstanding Senior Paper, and the Overcomer Award.

### **Scholarships**

The Undergraduate Business Department offers a number of scholarships, which are offered for the fall semester. Criteria for the scholarships include major, academic achievement, financial need, Oklahoma residency, and minority status. Students are encouraged to apply for the scholarships in the spring semester.

### **Accounting Major**

#### **Bachelor of Science**

<b>General Education</b>	Credit Hours
Intro to Whole Person Educ (GEN 150)	1
English (COMP 102)	3
Foreign Language	3
Oral Communication (COM 101)	3
Biblical Literature	4
Theology (THE 104 and 105)	4
Laboratory Science (lecture and lab)	4
Science Elective (CSC 111)	3
Mathematics (MAT 232)	3
Civics	3
Humanities	6
Social Science Elective (BUS 201)	3
Health and Physical Education	4
<b>General Education Total</b>	<b>44</b>

#### **Major**

ACT 215	Financial Accounting	3
ACT 216	Managerial Accounting	3
ACT 320	Quantitative Analysis	3
ACT 327	Intermediate Accounting I	3
ACT 328	Intermediate Accounting II	3
ACT 432	Managerial Cost Accounting	3
ACT 439	Auditing	3
ACT 442	Federal Income Tax Accounting	3
Choice of two of the following courses:		6
ACT 380	Governmental and Nonprofit Accounting	
ACT 435	Accounting Information Systems	
ACT 443	Advanced Tax Accounting	
ACT 451	Accounting Internship	
ACT 462	Advanced Accounting I	
ACT 463	Advanced Accounting II	
ACT 474	Tax Seminar	
<b>Major Total</b>		<b>30</b>

#### **Cognate**

BUS 100	Introduction to Business	2
BUS 202	Principles of Economics II	3
BUS 325	Business Law I	3
BUS 326	Business Law II	3
BUS 400	Senior Seminar	1
BUS 499	Senior Paper	3
FIN 244	Personal Financial Planning	3
FIN 338	Financial Management	3
MGT 130	Principles of Management	3
MGT 341	Business Communications	3

MGT 431	Strategic Management	3
MKT 130	Principles of Marketing	3
Choice of one of the following courses:		3-4
CSC 206	Intermediate Programming	
MAT 105	College Algebra	
MAT 201	Calculus I	

Cognate Total	36-37
Electives <sup>1</sup>	9-10
<b>Degree Total</b>	<b>120</b>

### **Business Administration Major**

#### **Bachelor of Science**

<b>General Education</b>	Credit Hours
Intro to Whole Person Educ (GEN 150)	1
English (COMP 102)	3
Foreign Language	3
Oral Communication (COM 101)	3
Biblical Literature	4
Theology (THE 104 and 105)	4
Laboratory Science (lecture and lab)	4
Science Elective (CSC 111)	3
Mathematics (MAT 232)	3
Civics	3
Humanities	6
Social Science Elective (BUS 201)	3
Health and Physical Education	4
<b>General Education Total</b>	<b>44</b>

#### **Major**

ACT 215	Financial Accounting	3
ACT 216	Managerial Accounting	3
ACT 320	Quantitative Analysis	3
BUS 325	Business Law I	3
BUS 499	Senior Paper	3
FIN 338	Financial Management	3
MGT 130	Principles of Management	3
MGT 431	Strategic Management	3
MKT 130	Principles of Marketing	3
Choice of one of the following:		3
BUS 326	Business Law II	
BUS 451	Business Internship	
<b>Major Total</b>		<b>30</b>

#### **Cognate**

BUS 100	Introduction to Business	2
BUS 202	Principles of Economics II	3
BUS 400	Senior Seminar	1
FIN 244	Personal Financial Planning	3
MGT 341	Business Communications	3
Choice of one of the following courses:		3-4
CSC 206	Intermediate Programming	
MAT 105	College Algebra	
MAT 201	Calculus I	
	Cognate Total	15-16
	Minor	18
	Electives	12-13

<sup>1</sup> For CPA certification, electives may need to be additional accounting courses.

Degree Total	120	<b>General Education</b>	Credit Hours	Cognate Total	36
<b>Business Analytics Major</b>		Intro to Whole Person Educ (GEN 150)	1	Electives	10
<b>Bachelor of Science</b>		English (Comp 102)	3		
<b>General Education</b>	Credit Hours	Foreign Language	3	Degree Total	120
Intro to Whole Person Educ (GEN 150)	1	Oral Communication (COM 101)	3	<b>Finance Major</b>	
English (COMP 102)	3	Biblical Literature	4	<b>Bachelor of Science</b>	
Foreign Language	3	Theology (THE 104 and 105)	4	<b>General Education</b>	Credit Hours
Oral Communication (COM 101)	3	Laboratory Science (lecture and lab)	4	Intro to Whole Person Educ (GEN 150)	1
Biblical Literature	4	Science Elective (CSC 111)	3	English (COMP 102)	3
Theology (THE 104 and 105)	4	Mathematics (MAT 232)	3	Foreign Language	3
Laboratory Science (lecture and lab)	4	Civics	3	Oral Communication (COM 101)	3
Science Elective (CSC 111)	3	Humanities	6	Biblical Literature	4
Mathematics (MAT 232)	3	Social Science Elective (BUS 201)	3	Theology (THE 104 and 105)	4
Civics	3	Health and Physical Education	4	Laboratory Science (lecture and lab)	4
Humanities	6			Science Elective (CSC 111)	3
Social Science Elective (BUS 201)	3	General Education Total	44	Mathematics (MAT 232)	3
Health and Physical Education	4			Civics	3
General Education Total	44	<b>Major</b>		Humanities	6
<b>Major</b>		ENT 101 Spirit of Entrepreneurship	3	Social Science Elective (BUS 201)	3
ACT 215 Financial Accounting	3	ENT 300 Entrepreneurship	3	Health and Physical Education	4
ACT 216 Managerial Accounting	3	ENT 325 New Venture Creation	3		
ACT 320 Quantitative Analysis	3	BUS 345 Creative Thinking	3	General Education Total	44
BUS 325 Business Law I	3	ENT 375 Social Entrepreneurship	3	<b>Major</b>	
BUS 499 Senior Paper	3	ENT 475 Startup Bootcamp	3	ACT 327 Intermediate Accounting I	3
FIN 338 Financial Management	3	ENT 499 Launch Pad	3	BUS 499 Senior Paper	3
MGT 130 Principles of Management	3	Choice of three of the following courses:	9	FIN 244 Personal Financial Planning	3
MGT 431 Strategic Management	3	ENT 350 Global Sustainable Business	3	FIN 303 Money & Banking Finance	3
MKT 130 Principles of Marketing	3	ENT 451 Internship for Entrepreneurs	3	FIN 338 Financial Management	3
Choice of one of the following:	3	ACT 380 Non-Profit Accounting and Finance	3	FIN 418 Investments	3
BUS 326 Business Law II	3	BUS 361 International Business	3	FIN 438 Advanced Financial Management	3
BUS 451 Business Internship	3	FIN 244 Personal Financial Planning	3	FIN 467 Financial Markets and Institutions	3
MAT 325 Probability and Statistics	3	FIN 418 Investments	3	FIN 468 Portfolio Management	3
MKT 449 Marketing Analytics	3	FIN 467 Financial Markets and Institutions	3	Choice of one of the following courses:	3
Major Total	30	MKT 334 Integrated Marketing Communications	3	ACT 328 Intermediate Accounting II	3
<b>Cognate</b>		MKT 346 Selling and Sales Management	3	ACT 380 Governmental and Nonprofit Accounting	3
BUS 100 Introduction to Business	2	MKT 361 International Marketing	3	ACT 442 Federal Income Tax Accounting	3
BUS 202 Principles of Economics II	3	MKT 400 Social Media Marketing	3	FIN 451 Finance Internship	3
BUS 400 Senior Seminar	1	MKT 445 Marketing Research	3	FIN 472 Principles of Estate Planning	3
CSC 206 Intermediate Programming	3	MKT 447 Retail Management	3		
FIN 244 Personal Financial Planning	3	MKT 455 Marketing Management	3	Major Total	30
MAT 201 Calculus I	4	Major Total	30	<b>Cognate</b>	
MAT 202 Calculus II	4	<b>Cognate</b>		ACT 215 Financial Accounting	3
MGT 341 Business Communications	3	ACT 215 Financial Accounting	3	ACT 216 Managerial Accounting	3
Choice of one of the following courses:	3	ACT 216 Managerial Accounting	3	ACT 320 Quantitative Analysis	3
ACT 327 Intermediate Accounting I	3	ACT 320 Quantitative Analysis	3	BUS 100 Introduction to Business	2
ACT 432 Managerial Cost Accounting	3	BUS 100 Introduction to Business	2	BUS 202 Principles of Economics II	3
FIN 438 Advanced Financial Management	3	BUS 202 Principles of Economics II	3	BUS 325 Business Law I	3
Cognate Total	26	BUS 325 Business Law I	3	BUS 326 Business Law II	3
Minor <sup>1</sup>	9-20	BUS 400 Senior Seminar	1	BUS 400 Senior Seminar	1
Electives	0-11	FIN 338 Financial Management	3	MGT 130 Principles of Management	3
Degree Total	120	MGT 130 Principles of Management	3	MGT 341 Business Communications	3
<b>Entrepreneurship Major</b>		MGT 431 Strategic Management	3	MGT 431 Strategic Management	3
<b>Bachelor of Business Administration</b>		MKT 130 Principles of Marketing	3	MKT 130 Principles of Marketing	3
		MKT 333 Consumer Behavior	3	Choice of one of the following courses:	3-4
		MKT 350 Digital Marketing	3	CSC 206 Intermediate Programming	3
				MAT 105 College Algebra	3

<sup>1</sup> Students are required to declare a minor in biochemistry, chemistry, computer

information technology, mathematics or physics.



Civics	3	Cognate Total	36
Humanities	6	Electives <sup>2</sup>	10
Social Science Elective (BUS 201)	3		
Health and Physical Education	4	Degree Total	120

General Education Total 44

### Major

BUS 499	Senior Paper	3
MKT 130	Principles of Marketing	3
MKT 333	Consumer Behavior	3
MKT 334	Integrated Marketing Comm.	3
MKT 346	Selling and Sales Management	3
MKT 445	Marketing Research	3
MKT 451	Marketing Internship	3
MKT 455	Marketing Management	3
Choice of one of the following courses:		3
MKT 361	International Marketing	
MKT 447	Retail Management	
Choice of one of the following courses: <sup>1</sup>		3
MKT 350	Digital Marketing	
MKT 449	Marketing Analytics	

Major Total 30

### Concentration

Students pursuing this major may choose to pursue a concentration (specialization) in one of the following concentration.

#### Marketing Analytics

CSC 201	Introduction to Data Science	3
CSC 461	Data Mining and Machine Learning	3
Marketing Analytics Concentration Total		6

#### Digital Marketing

MKT 400	Social Media Marketing	3
TVF 140	Digital Storytelling	3
Digital Marketing Concentration Total		6

### Cognate

ACT 215	Financial Accounting	3
ACT 216	Managerial Accounting	3
ACT 320	Quantitative Analysis	3
BUS 100	Introduction to Business	2
BUS 202	Principles of Economics II	3
BUS 325	Business Law I	3
BUS 326	Business Law II	3
BUS 400	Senior Seminar	1
FIN 244	Personal Financial Planning	3
FIN 338	Financial Management	3
MGT 130	Principles of Management	3
MGT 341	Business Communications	3
MGT 431	Strategic Management	3

### Computer Information Tech Minor

CIT 206	Intermediate Programming	3
CIT 216	Project Management	3
CSC 111	Introduction to Computing	3
Choice of three courses:		9
CIT/CSC Electives (300 level or above) <sup>3</sup>		
Minor Total		18

### Computer Science Minor

CSC 111	Introduction to Computing	3
CSC 206	Intermediate Programming	3
CSC 255	Data Structures	3
Choice of three courses		9
CSC —	Electives <sup>4</sup>	
Minor Total		18

### Data Science Minor

CSC 201	Introduction to Data Science	3
CSC 206	Intermediate Programming	3
CSC 255	Data Structures	3
CSC 444	Introduction to Distributed Systems	3
CSC 461	Data Mining and Machine Learning	3
CSC 462	Big Data and High Performance Computing	3
Minor Total		18

### Entrepreneurship Minor

ENT 101	Spirit of Entrepreneurship	3
ENT 300	Entrepreneurship	3
ENT 325	New Venture Creation	3
BUS 345	Creative Thinking	3
ENT 375	Social Entrepreneurship	3
—	Electives <sup>5</sup>	3
Minor Total		18

### General Business Minor

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

ACT 215	Financial Accounting	3
BUS 201	Principles of Economics I	3
MGT 130	Principles of Management	3
MKT 130	Principles of Marketing	3
—	Electives <sup>6</sup>	6
Minor Total		18

### Nonprofit Business Minor

This minor provides a foundational base of knowledge addressing the unique business issues facing the student interested in pursuing a career in or associated with nonprofit organizations.

ACT 215	Financial Accounting	3
MGT 130	Principles of Management	3
MGT 465	Administration of Nonprofit Organizations	3
MKT 130	Principles of Marketing	3
Choice of two from the following courses*: <sup>6</sup>		
ACT 216	Managerial Accounting	
ACT 474	Tax Seminar	
FIN 244	Personal Financial Planning	
FIN 338	Financial Management	
FIN 472	Principles of Estate Planning	
MGT 461	Conflict Resolution	
Minor Total		18

### Departmental Courses

#### Accounting

ACT 215	Financial Accounting	
ACT 216	Managerial Accounting	
ACT 320	Quantitative Analysis	
ACT 327	Intermediate Accounting I	
ACT 328	Intermediate Accounting II	
ACT 380	Governmental and Nonprofit Accounting	
ACT 432	Managerial Cost Accounting	
ACT 435	Accounting Information Systems	
ACT 439	Auditing	
ACT 442	Federal Income Tax Accounting	
ACT 443	Advanced Tax Accounting	
ACT 451	Accounting Internship	
ACT 462	Advanced Accounting I	
ACT 463	Advanced Accounting II	
ACT 464	Becker CPA-Regulation	
ACT 465	Becker CPA-Business	
ACT 466	Becker CPA-Financial	
ACT 467	Becker CPA-Auditing	
ACT 471	Estate and Gift Taxation	
ACT 474	Tax Seminar	
ACT 999	Accounting Elective	

#### Business

BUS 099	Business Seminar	
BUS 100	Introduction to Business	
BUS 201	Principles of Economics I	
BUS 202	Principles of Economics II	
BUS 325	Business Law I	
BUS 326	Business Law II	
BUS 345	Creative Thinking	
BUS 361	International Business	
BUS 372	Business Ethics	
BUS 375	Healing Teams: A Global Course	

<sup>1</sup> Students pursuing the marketing analytics concentration must take MKT 449. Students pursuing the digital marketing concentration must take MKT 350.

<sup>2</sup> Students pursuing a concentration take only 4 electives.

<sup>3</sup> Excludes CIT 450, 498, and 499.

<sup>4</sup> CSC Electives must be 300 level or above. This includes CIT 306.

<sup>5</sup> Any course offered in the College of Business.

<sup>6</sup> Courses in accounting, business, finance, management, or marketing. Suggested electives for music majors are MKT 333, MKT 447, MGT 352, and ENT 3000.

BUS 400	Senior Seminar
BUS 450	Special Topics
BUS 451	Business Administration Internship
BUS 453	Internship II
BUS 454	International Business Internship
BUS 498	Senior Paper Prep
BUS 499	Senior Paper
BUS 999	Business Elective

### **Entrepreneurship**

ENT 101	Spirit of Entrepreneurship
ENT 300	Entrepreneurship
ENT 325	New Venture Creation
ENT 350	Global Sustainable Business
ENT 375	Social Entrepreneurship
ENT 451	Entrepreneurship Internship
ENT 475	Startup Bootcamp
ENT 499	Launch Pad
ENT 999	Entrepreneurship Elective

### **Finance**

FIN 244	Personal Financial Planning
FIN 303	Money and Banking
FIN 338	Financial Management
FIN 418	Investments
FIN 428	Bank Management
FIN 438	Advanced Financial Management
FIN 451	Finance Internship
FIN 452	Corporate Financial Decision Making
FIN 460	International Financial Management
FIN 461	Capital Markets
FIN 467	Financial Markets and Institutions
FIN 468	Portfolio Management
FIN 472	Principles of Estate Planning
FIN 999	Finance Elective

### **General Studies**

GEN 375	Healing Teams: A Global Training Course
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### **Management**

MGT 130	Principles of Management
MGT 333	Supply Chain Management
MGT 341	Business Communications
MGT 351	Risk Management
MGT 352	Organizational Behavior
MGT 353	Human Resource Management
MGT 384	Real Estate Management
MGT 422	Small Business Basics
MGT 431	Strategic Management
MGT 443	Executive Leadership Development
MGT 451	Management Internship
MGT 460	Workforce Planning/ Employment Law
MGT 461	Conflict Resolution
MGT 465	Administration of Nonprofit Organizations
MGT 470	Compensation and Benefits
MGT 999	Management Elective

### **Marketing**

MKT 130	Principles of Marketing
MKT 333	Consumer Behavior
MKT 334	Integrated Marketing Communications
MKT 346	Selling and Sales Management
MKT 350	Digital Marketing
MKT 361	International Marketing
MKT 400	Social Media Marketing
MKT 445	Marketing Research
MKT 447	Retail Management
MKT 449	Marketing Analytics
MKT 451	Marketing Internship
MKT 455	Marketing Management
MKT 999	Marketing Elective

## **The Fenimore Fisher Graduate School of Business**

William T. Crawford, Ph.D., Chair  
The Graduate School of Business curriculum is designed to equip students to make intelligent and ethical decisions and to communicate those decisions in a clear and concise manner. Students are taught to think strategically and to function effectively in both the short- and long-term.

### **Degree Programs**

The graduate school of the College of Business offers two degrees at the master's level: the traditional Master of Business Administration (M.B.A.), and the online Master of Business Administration in Leadership (M.B.A.-L).

### **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 and business communication is recognized and stressed. M.B.A. students must demonstrate proficiency in both business ethics and business communications, which may be demonstrated by satisfactory completion of an undergraduate or graduate course. The M.B.A. degree at ORU provides both the benefit of broad managerial training and an area of specialization.

ORU anticipates that full-time students with an undergraduate degree in business should be able to complete their M.B.A. within three semesters; students without

academic training in business should be able to complete the degree in two years.

### ***Master of Business Administration in Leadership (Online M.B.A.-L)***

The online Master of Business Administration in Leadership degree provides a course of study emphasizing the two critical components of outstanding business leadership--technical business knowledge and expertise across all of the core components of a highly-valued and traditional M.B.A. degree and effective leadership training, comprehensively integrated into one program. Being a great business leader is about both the technical side of business--gaining and applying knowledge and expertise across the fully integrated range of business concepts and disciplines--and it is about great leadership--creating and casting a strategic vision and inspiring and empowering others to the fulfillment of higher and better performance and outcomes, both professionally and personally. The M.B.A. in Leadership program has been designed to deliver both of these areas of emphasis through a fully online cohort program. More information is available in the College of Business and in the Online and Lifelong Learning section of this catalog.

### **Policies and Enrollment Information**

#### ***Admission***

Admission to graduate business degree programs is selective. Applicants must demonstrate academic achievement at the baccalaureate level, and successful accomplishment in the workplace is beneficial. To assess an applicant's potential for success, the Admissions Committee reviews the student's transcripts; faculty, employer, and clergy recommendations; and scores on nationally normed examinations; however, the submission of a nationally normed examination is not required. Applicants must also demonstrate good character, Christian commitment, motivation, and discipline. Non-native English speakers must submit a TOEFL score of 550 or higher or a score of 7.0 or higher on the IELTS.

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

### **Fast Track Program**

Students may reduce the time necessary to complete the traditional M.B.A. degree by enrolling in the Fast Track Program while still in an undergraduate business program by taking up to 12 hours of graduate work while completing the baccalaureate program. A student who completes three or more courses may successfully finish the M.B.A. 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 3.00 GPA and a major in a business or business-related discipline; however, students with a GPA below 3.00 may be considered on a case-by-case basis.

### **Course Load**

Students in the traditional M.B.A. must enroll in at least nine hours per semester to be considered full time. Students enrolled in the online M.B.A. in Leadership must enroll in six hours per semester (including summer) to be considered full time. Graduate students in the College of Business who receive a scholarship, graduate fellowship or assistantship typically are full-time students.

Graduate students need to consult the College of Business for the policy regarding course load and chapel attendance at ORU.

### **Grades**

Graduate students are required to maintain a cumulative 3.00 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 on probation whose cumulative G.P.A. remains below 3.00 for two 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.

In addition, any student who has earned either three grades of "C" or lower, two "Ds," or an "F" while matriculating through ORU in a graduate business program shall be immediately suspended

from the program. For purposes of this suspension policy, successfully retaking (raising the grade to C or better) does not negate the previous grade even though it does replace the grade for G.P.A. purposes. Petitions for Policy Exception may be considered if there are exceptional extenuating circumstances existing.

### **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.

### **Pass/No Pass**

Pass/No Pass is only allowed for the HPE activity course(s) and for an internship to be used as the M.B.A. general elective or as an elective applied toward a concentration. Internships need to be approved for course credit in advance. Only one internship can be taken for course credit.

### **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.

Financial Aid, including the awarding of a Dean's Fellow, a Dean's Scholarship, Quest Whole-Person Scholarships, academic scholarships, and graduate assistantships, is available to traditional M.B.A. graduate students in the College of Business. Awards are limited and interested students should request more information through the College of Business.

ORU Retention Scholarships are awarded to ORU baccalaureate graduates who choose to pursue traditional M.B.A. 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.

### **Health Fitness Requirements for ORU Graduates**

Graduate students in the College of Business are required to take GHPE 503 – Graduate Health Fitness (1 credit hour) and one additional activity class (0.5-1 credit hour) to meet graduation requirements. GHPE 503 may be substituted with an additional activity course if the student successfully completed the required non-activity Health & Physical Education courses OR GHPE 503 while pursuing a previous degree at ORU. The additional activity class may be taken at either 0.5 or 1 credit hour as allowed by the course description and catalog.

### **Business Administration (M.B.A.)**

#### **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.

#### **Leveling Courses**

ACT 215	Financial Accounting	3
ACT 216	Managerial Accounting	3
BUS 325	Business Law I	3
FIN 338	Financial Management	3
MAT 232	Elementary Statistics	3
MKT 130	Principles of Marketing	3
MGT 130	Principles of Management	3
Choice of one of the following two courses:		3
BUS 201	Principles of Economics I	
BUS 202	Principles of Economics II (preferred)	
Leveling Courses Total		24

#### **Proficiency Courses<sup>1</sup>**

PRFB 504	Communications in Cont. Business	0
PRFB 572	Business Ethics	0
Proficiency Courses Total		5

#### **ORU Distinctive Courses**

GTHE 510	Holy Spirit Empowerment in Life and Ministry <sup>2</sup>	2
GHPE 503	Graduate Health Fitness	1
Choice of one of the following:		.5
GHPE 515	Graduate Aerobics	
GHPE 525	Graduate Walk for Fitness	
HPE	Activity Course	

<sup>1</sup> These proficiencies can be met by completing a course in business ethics and a course in business communication (with a grade of "C" or better) at either the undergraduate or graduate level.

<sup>2</sup> Students who have completed Holy Spirit in Life and Ministry or Spirit-Empowered Living for another degree plan and for those who have completed their undergraduate general education theology

course requirements at ORU will receive advance standing for this course.

ORU Distinctive Total	3.5	GENT 599 Launch Pad	2	FIN 338 Financial Management	3
<b>M.B.A. Managerial Courses</b>		GENT ___ Entrepreneurship Elective <sup>3</sup>	2	MAT 232 Elementary Statistics	3
GACT 562 Managerial Accounting	3			MKT 130 Principles of Marketing	3
GBUS 574 Competitive Business Intelligence	2	Entrepreneurship Conc. Total	11	MGT 130 Principles of Management	3
GBUS 578 Strategic Management Concepts	2	<b>Finance Concentration</b>		Choice of one of the following two courses:	3
GBUS 579 Strategic Management Capstone <sup>1</sup>	2	GFIN Elective	3	BUS 201 Principles of Economics I	
GBUS 582 Managerial Economics	3	GFIN Elective	3	BUS 202 Principles of Economics II	
GBUS 598 Research Methodology	3	Finance Conc. Total	6	Leveling Courses Total	24
GFIN 563 Finance	3	<b>International Business Concentration</b>		<b>ORU Distinctive Courses</b>	
GMGT 561 Management in a Globalized Era	3	GINB Elective	3	GTHE 510 Holy Spirit Empowerment in Life and Ministry <sup>5</sup>	2
GMGT 585 Business Analytics	3	GINB Elective	3	GHPE 503 Graduate Health Fitness	1
GMKT 564 Marketing Management	3	Int'l Business Conc. Total	6	Choice of one of the following:	.5
Choice of one of the following: <sup>2</sup>	3	<b>Management Concentration</b>		GHPE 515 Graduate Aerobics	
GACT Elective		GMGT Elective	3	GHPE 525 Graduate Walk for Fitness	
GBUS Elective		GMGT Elective	3	HPE Activity Course	
GFIN Elective		Management Conc. Total	6	LMBA 502 Graduate Orientation (zero credit)	
GINB Elective		<b>Marketing Concentration</b>		ORU Distinctive Total	3.5
GMGT Elective		GMKT Elective	3	<b>Business Leadership Courses</b>	
GMKT Elective		GMKT Elective	3	GBUS 572 Ethical Leadership	3
LMBA Elective		Marketing Conc. Total	6	GBUS 574 Competitive Business Intelligence	2
M.B.A. Managerial Total	30	<b>Nonprofit Management Concentration</b>		GMGT 563 Leadership of Org. Dynamics	3
Degree Total	33.5	GMKT 550 Development of Nonprofit Org	2	GMGT 600 Leadership Studies	3
<b>Concentrations</b>		GBUS 550 Legal Issues of Nonprofit Org	2	LMBA 551 Global Management Concepts	3
MBA students may earn a concentration in one of the following areas by taking six to ten additional hours in the area of the elective selected in the degree. Course selections need approval of an advisor. The general elective must also be in the concentration field.		GMGT 521 Administration of Nonprofit Org	3	LMBA 552 Accounting & Financial Leadership	6
<b>Accounting Concentration</b>		GFIN 572 Principles of Estate Planning	3	LMBA 553 Marketing Leadership	3
GACT Elective	3	Nonprofit Mgt. Conc. Total	10	LMBA 554 Global Economic Leadership	3
GACT Elective	3	<b>Social Entrepreneurship Concentration</b>		LMBA 565 Strategic Organizational Leadership	3
Accounting Conc. Total	6	GENT 550 Entrepreneurship	3	LMBA 585 Leadership Decision Making	3
<b>Data Science Concentration</b>		GENT 575 Social Entrepreneurship	3	Bus. Leadership Courses Total	32
GMGT 586 Intermediate Business Analytics	3	GENT 551 Global Sustainable Business	3	Degree Total	35.5
GCSC 561 Data Mining and Machine Learning	3	Social Entrepreneurship Conc. Total	9	<b>Departmental Courses</b>	
GCSC 562 Big Data and High Performance Computing	3	<b>Business Administration in Leadership (M.B.A.-L)</b>		<b>Accounting</b>	
Data Science Conc. Total	9	<b>Master of Business Administration in Leadership</b>		GACT 500 Internship	
<b>Entrepreneurship Concentration</b>		This program is offered online in conjunction with the Online and Lifelong Learning department. Courses are taken in a cohort lock-step arrangement.		GACT 527 Intermediate Accounting I	
GENT 550 Entrepreneurship	3	<b>Leveling Courses<sup>4</sup></b>		GACT 528 Intermediate Accounting II	
GENT 525 New Venture Creation	2	ACT 215 Principles of Financial Accounting I	3	GACT 532 Advanced Accounting I	
GENT 576 Startup Bootcamp	2	ACT 216 Principles of Financial & Managerial Accounting II	3	GACT 533 Managerial Cost Accounting	
		BUS 325 Business Law I	3	GACT 539 Auditing	

<sup>1</sup> Students choosing the Entrepreneurship Concentration do not take GBUS 579; instead they complete GBUS 568 for 2 credit hours. Students choosing the Social Entrepreneurship Concentration do not take GBUS 579; instead they take GBUS 599 for 2 hours.

<sup>2</sup> Students planning to add a concentration need to select their elective from their intended area of concentration.

<sup>3</sup> Acceptable electives: GENT 551, 545, 575

<sup>4</sup> Alternative leveling options are available. Please contact the College of Business for more information.

<sup>5</sup> Students who have completed Holy Spirit in Life and Ministry or Spirit-Empowered Living for another degree plan and for those who have completed their undergraduate general education theology course requirements at ORU will receive advance standing for this course.

GACT 564 Becker Conviser CPA- Regulation  
 GACT 565 Becker Conviser CPA- Business  
 GACT 566 Becker Conviser CPA- Financial  
 GACT 567 Becker Conviser CPA- Auditing  
 GACT 570 Accounting Information Systems  
 GACT 571 Estate and Gift Taxation  
 GACT 574 Tax Seminar  
 GACT 580 Nonprofit Accounting and Finance  
 GACT 999 Accounting Elective

#### **Business**

GBUS 500 Internship  
 GBUS 504 Communications in Contemporary Business  
 GBUS 550 Legal Issues of Nonprofit Organizations  
 GBUS 556 Personal Financial Planning  
 GBUS 561 Data Mining and Machine Learning  
 GBUS 562 Big Data and High Performance Computing  
 GBUS 565 Strategic Management  
 GBUS 568 Entrepreneurial Capstone  
 GBUS 572 Ethical Leadership  
 GBUS 574 Competitive Business Intelligence  
 GBUS 578 Strategic Management Concepts  
 GBUS 579 Strategic Management Capstone  
 GBUS 582 Managerial Economics  
 GBUS 598 Research Methodology  
 GBUS 599 Research  
 GBUS 999 Business Elective

#### **Entrepreneurship**

GENT 525 New Venture Creation  
 GENT 545 Creative Thinking  
 GENT 550 Entrepreneurship  
 GENT 551 Global Sustainable Business  
 GENT 575 Social Entrepreneurship  
 GENT 576 Startup Bootcamp  
 GENT 599 Launch Pad  
 GENT 999 Entrepreneurship Elective

#### **Finance**

GFIN 500 Internship  
 GFIN 503 Money and Banking  
 GFIN 514 Investments  
 GFIN 550 Commercial Bank Management  
 GFIN 561 Capital Markets  
 GFIN 563 Finance  
 GFIN 567 Financial Markets and Institutions  
 GFIN 568 Portfolio Management  
 GFIN 572 Principles of Estate Planning  
 GFIN 999 Finance Elective

#### **International Business**

GINB 560 International Finance  
 GINB 570 International Marketing  
 GINB 580 Readings in International Business  
 GINB 999 International Business Elective

#### **Leadership M.B.A.**

LMBA 551 Global Management Concepts  
 LMBA 552 Accounting and Financial Leadership  
 LMBA 553 Marketing Leadership  
 LMBA 554 Global Economic Leadership  
 LMBA 565 Strategic Organizational Leadership  
 LMBA 585 Leadership Decision Making

#### **Leveling (alternatives for students in the M.B.A.-I program who have prerequisites to complete)**

GBLV 501 Foundations of Management  
 GBLV 502 Foundations of Business Law  
 GBLV 503 Foundations of Organizational Behavior  
 GBLV 504 Foundations of Statistics  
 GBLV 505 Foundations of Accounting  
 GBLV 506 Foundations of Financial Management  
 GBLV 507 Foundations of Marketing  
 GBLV 508 Foundations of Economics

#### **Management**

GMGT 500 Internship  
 GMGT 521 Administration of Nonprofit Organizations  
 GMGT 551 Executive Leadership Development  
 GMGT 553 Organizational Behavior  
 GMGT 556 Small Business Basics  
 GMGT 560 Conflict Resolution  
 GMGT 561 Management in a Globalized Era  
 GMGT 563 Leadership of Organizational Dynamics  
 GMGT 585 Business Analytics  
 GMGT 586 Intermediate Business Analytics  
 GMGT 600 Leadership Studies  
 GMGT 999 Management Elective

#### **Marketing**

GMKT 500 Marketing Internship  
 GMKT 533 Consumer Behavior  
 GMKT 534 Integrated Marketing Communications  
 GMKT 535 Services Marketing  
 GMKT 546 Selling and Sales Management  
 GMKT 549 Marketing Analytics  
 GMKT 550 Development of Nonprofit Organizations  
 GMKT 564 Marketing Management  
 GMKT 999 Marketing Elective

#### **Proficiencies**

PRF 204 English Proficiency – MBA  
 PRFB 504 Business Communications  
 PRFB 572 Business Ethics

## College of Education

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

Hallett Hullinger, Ed.D., Associate Dean

**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

Kim E. 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.  
Chancey T. Bosch.....Associate Professor and  
Chair of the Undergraduate  
Department of Education  
B.S., University of Oklahoma, 2000;  
M.A., University of Phoenix, 2005;  
M.A., 2008;  
Ph.D., 2013.  
Gerald Landers.....Assistant Professor  
B.A., Oral Roberts University, 1974;  
M.A., Michigan State University, 1978.  
Evalynne Lindberg.....Professor  
B.A., Oral Roberts University, 1979;  
M.A., University of Tulsa, 1983;  
Ed.D., Oral Roberts University, 2012.  
Charlene Martin.....Professor  
B.S., University of Nebraska, 1980;  
M.A., Oral Roberts University, 2004;  
Ph.D., University of Oklahoma, 2012.  
Amanda Wilson.....Assistant Professor  
B.S., Oral Roberts University, 2003;  
M.A.Ed., Northeastern State University, 2010;  
Ed.D., Oral Roberts University, 2016.

### Graduate

Hallett Hullinger.....Professor  
B.S., College of William and Mary, 1975;  
M.Ed., 1982;  
Ed.D., Oklahoma State University, 1996.  
Gwetheldene Holzmann, .....Associate  
Professor  
B.A., Malone College, 1976; M.A., Regent  
University, 1983;  
Ed.S., College of William and Mary, 1988;  
Ed.D., 1994.  
Mary Lou Miller.....Professor  
B.S., Oklahoma State University, 1982;  
M.S., University of Tulsa, 1993;  
Ed.D., Oklahoma State University, 1999.  
Jim V. Myers.....Professor  
B.A., Oklahoma State University, 1965;

M.N.S., University of Oklahoma, 1976;  
Ph.D., 1989.  
J. Patrick Otto.....Professor and  
Chair of the Graduate School of Education  
B.S., Drake University, 1983;  
M.A., Oral Roberts University, 1992;  
Ed.D., Nova Southeastern University, 1996.  
Sherri Tapp.....Professor  
B.S., Tuskegee University, 1979;  
M.A., Oklahoma State University, 1982;  
Ed.D., 2002.

### Emeriti Faculty

Dr. Linda G. Dunham 1971-2018.  
Dr. Jean C. Mosley 1992-2015  
Dr. Clarence G. Oliver, Jr. 1992-1998  
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 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) through the Council for the Accreditation of Educator Preparation (CAEP) and the Office of Educational Quality and Accountability (OEQA) 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 as one of the highest in the state on the various standardized licensing examinations.

### College of Education Standards

The following are the College of Education standards, adopted by the College of Education Faculty Assembly in support of the College of Education Mission Statement:

#### Standard #1: Learners Development

The teacher understands how learner learn and develop, recognizing that patterns of learning and development vary individually and across the cognitive, linguistic, social, emotional, and physical

areas, and designs and implements developmentally appropriate and challenging learning experiences.

#### Standard #2: Learning Differences

The teacher uses understanding of individual differences and diverse cultures and communities to ensure inclusive learning environments that enable each learner to meet high standards.

#### Standard #3: Learning Environments

The teacher works with learners to create environments that support individual and collaborative learning, encouraging positive social interaction, active engagement in learning, and self-motivation.

#### Standard #4: Content Knowledge

The teacher understands the central concepts, tools of inquiry, and structures of the discipline(s) he or she teaches and creates learning experiences that make these aspects of the discipline accessible and meaningful to learners to assure mastery of the content.

#### Standard #5: Innovative Application of Content

The teacher understands how to connect concepts and use differing perspectives to engage learners in critical thinking, creativity, and collaborative problem solving related to authentic local and global issues.

#### Standard #6: Assessment

The teacher understands and uses multiple methods of assessment to engage learners in their own growth, to monitor learner programs, and to guide the teacher's and learner's decision making.

#### Standard #7: Planning for Instruction

The teacher plans instruction that supports every student in meeting rigorous learning goals by drawing upon knowledge of content areas, curriculum, cross-disciplinary skills, and pedagogy, as well as knowledge of learners and the community context.

#### Standard #8: Instructional Strategies

The teacher understands and uses a variety of instructional strategies to encourage learners to develop deep understanding of content areas and their connections, and to build skills to apply knowledge in meaningful ways.

#### Standard #9: Reflection and Continuous Growth

The teacher engages in ongoing professional learning and uses evidence to continually evaluate his/her practice, particularly the effects of his/her choices and actions on others (learners, families,

other professionals, and the community), and adapts practice to meet the needs of each learner.

#### **Standard #10: Collaboration**

The teacher seeks appropriate leadership roles and opportunities to take responsibility for student learning, to collaborate with learners, families, colleagues, other school professionals, and community members to ensure learner growth, and to advance the profession.

**Standard #11:** The candidate is a reflective, transformed educator who continually evaluates his/her practice, particularly the effects of his/her choices, dispositions, and actions on others (students, families, and other professionals in the learning community) from a Christian worldview.

**Standard #12:** The candidate makes educational decisions (i.e., plans instruction and/or administrative duties) based on the principles of the whole person lifestyle, including the spiritual, physical, intellectual, social and emotional aspects.

**Standard #13:** The candidate demonstrates an understanding of the legal aspects of education.

**Standard #14:** The candidate demonstrates the disposition of a transformed educator who seeks outreach opportunities to diverse populations, both locally and worldwide.

#### **Conceptual Framework Transformed Educators—Romans 12:2**

The conceptual framework for the College of Education forms the basis for course content, stated student outcomes, instruction, and assessment. The College of Education offers a diverse teacher preparation program designed to equip teachers for assignments in elementary and secondary schools. The three segments (general education, specialized education, and professional education) are integrated to produce graduates with comprehensive teacher preparation. Advanced degrees are offered that prepare graduates for professional responsibilities in private and public schools, as well as for positions in business and industry.

In keeping with the university's mission statement, the College of Education conceptual model is rooted in the philosophical position that education is the shaping of the whole person: spirit, mind and body.

## **Undergraduate Education Department**

Chancey T. Bosch, Ph.D., Chair

The Undergraduate Department of the College of Education administers programs that are accredited by the Oklahoma Office of Educational Quality and Accountability 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.

### **Degree Programs**

#### ***Bachelors of Education in Elementary Education***

Students may choose one of the following elementary majors, which is designed to include a second concentration that allows for dual certification upon graduation and successful completion of state testing. These certifications include grades as indicated:

- Bachelor of Education in Elementary Education (K-8) with Early Childhood Concentration (P-3)
- Bachelor of Education in Elementary Education (K-8) with English Language Learner Concentration (K-12)
- Bachelor of Education in Elementary Education (K-8) with Special Education Concentration (K-12)

#### ***Bachelor of Education in English Language Teaching in the Global Classroom***

This degree includes certification in English (5-8) and ELL (K-12), and includes an international teaching experience.

#### ***Bachelor of Education in Secondary Education***

Students may choose from one of the following concentrations. These certifications include grades as indicated:

- Science (6-12)
- English (6-12)
- Math (6-12)
- Physical Education (P-12)
- Social Studies (6-12)

#### ***Bachelors of Fine Arts with an Education Concentration***

Students may choose a concentration in Communication Arts (6-1) or Art (P-12). This degree is offered in cooperation with the College of Arts and Cultural Studies.

#### ***Bachelors in Music Education***

Students may choose either a vocal or instrumental concentration (K-12). This degree is offered in cooperation with the Music Department.

### **Alternative Certification**

The ORU College of Education is intentional about preparing students interested in a teaching career to become competent educators who understand their primary responsibility is to focus on student learning. Students completing the ORU teacher education program and passing the appropriate certification exams meet all requirements for obtaining an initial license teaching certification in Oklahoma. Additionally, transferring a teaching certification to another state is less complicated when students meet the Oklahoma certification 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 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 certification in Oklahoma are as follows:

- Hold at least a baccalaureate degree from an accredited institution.
- Have a cumulative GPA of at least 2.50.
- 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 State 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 certification but are interested in alternative certification complete the M.Ed. in Teaching and Educational Leadership with a concentration in Teaching. The Fast Track program allows students to begin graduate work while they are still undergraduates. The section titled Special Opportunities has more information.

### **Certificate Programs**

The College of Education has three certificate programs, one undergraduate and two graduate. The undergraduate program leading to an ELL certificate is available for those seeking techniques in teaching English language learners.

The graduate programs lead to a SPED certificate for those desiring to learn techniques for teaching individuals with special needs and an ELL certificate for those seeking techniques in teaching English language learners.

Information on these programs can be found in the Online and Lifelong Learning section of this catalog.

### ***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. Individuals should meet the PEP admissions requirements by the time they have completed 75 hours toward their degree. If not, they may be required to change majors. Only education majors may enroll in 300- and 400-level PED courses as undergraduates.

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.

### ***Professional Education Program (PEP) Admission Requirements***

The Initial Quality Assurance System: Benchmark 1 requires teacher candidates to meet all of the following before they are admitted to the Professional Education Program:

Between 45 and 75 credit hours toward degree

Earn a GPA of 2.50 or above

Pass the Oklahoma General Knowledge Requirement (1 of the following)

- Oklahoma General Education Test (OGET)
- ACT with Written Section (22)
- SAT 1150 with 5 Reading, 5 Writing, 4 Analysis

Pass the following courses and earn a "C" or above in each course:

- Oral Communications (COM 101)
- Composition II (COMP 102)
- Whole Child Education (PED 205)
- Pre-clinical Experience (PED 131)

Earn an "acceptable" or higher score on the following artifacts:

- Task 1: Contextual Factors
- Disposition Evaluation
- 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.
- Foreign Language Proficiency
- The Oklahoma Regents for Higher Education require all students seeking a teaching certificate in any subject area to have "listening and speaking skills at the Novice High level in a language other than English." Therefore, students must also complete one of the following Language Proficiency requirements:
  - Two years of the same foreign language in high school (C or higher)
  - One three-credit hour foreign language course from an accredited higher education institution (C or higher)
  - One three-credit hour foreign language course from ORU (C or higher)
- Foreign Language Placement Test results at the 101 level (Placement test moderated by ORU Department of English and Modern Languages)
- Primary language other than English, demonstrated by TOEFL requirement for ORU admission

### ***Transfer Students***

Transfer students are subject to the same requirements for admission to the Professional Education Program as non-transfer students. Transcripts and course descriptions from the previous school are used by the pre-service teacher'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 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 submission. Petitions are available at [petitions.oru.edu](http://petitions.oru.edu).

Transfer of courses to undergraduate or graduate degree programs that prepare students for professional certification 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 pre-service teacher will receive written notification of acceptance or rejection for admission to the Professional Education Program. If an applicant is denied admission, he/she must change majors. Students are encouraged to meet with the chair to receive assistance in changing majors.

Admittance to the Professional Education Program does not of itself assure the pre-service teacher 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**

Pre-service teachers 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 student 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 Office of Educational Quality and Accountability requires passing scores on the Oklahoma General Education Test (OGET), the Oklahoma Subject Area Test (OSAT), and the Praxis Performance Assessment for Teachers (PPAT).

The OGET passing score of 240 is required for admission to the College of Program, the OSAT is required prior to submitting the student teaching application, and the PPAT is required prior to the end of student teaching.

### **Background Check and Felony Disclosures**

The Oklahoma State Department of Education requires fingerprinting and background checks for all students working in education.

In response to legislation, Title 70 O.S., Supp. 1985, and 3-104.1, every applicant is required to answer the following questions:

- During the preceding ten-year period, have you ever been convicted of a felony?
- During the preceding ten-year period, have you ever been convicted of a crime involving moral turpitude?

If the answer to either of the preceding questions is "Yes," applicants are required to state the nature of the charge and the court in which they were convicted.

### **Student Teaching Internship**

The student teaching internship is the culminating experience of the Professional Education Program. It is during the internship 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 the student teaching internship. Applications for student teaching internships in the spring must be made by October 1 of the previous semester, and application for the fall must be made by March 1 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

Student Teaching Internships will notify the student of his or her acceptance and the teaching.

During the internship semester, all student teacher interns are required to attend the Professional Education Seminar/Portfolio meetings, which are held

in the evenings. The Teacher Education Handbook has more information.

### **Clubs and Organizations**

College of Education Teacher Candidate Leadership Association (TCLA): All teacher candidates automatically become a member of TCLA upon enrollment into Education Seminar. The Education Seminar course, which includes a fee, pays the membership fee for the student professional education organization which includes insurance that covers teacher candidates when they teach in the P-12 classroom.

Kappa Delta Pi: Education Honor Society.

### **Special Opportunities**

#### **Fast Track Program**

(Concurrent Undergraduate and Graduate Study)

An undergraduate student with a junior or 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 3.00 GPA
- Students are required to maintain a 3.00 in undergraduate and graduate studies in order to remain in the program.
- Students may need to complete additional admission requirements.

The Fast Track program allows six hours of graduate coursework per semester for the students' undergraduate junior or senior year.

A total of 12 hours 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 Education (M.Ed.) degree may be completed within one year after the undergraduate degree is granted.

#### **Teaching Abroad Missions Opportunities**

The College of Education 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
- Outstanding Undergraduate Teacher Candidate
- Overcomer 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 Mary Martha Black, 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.

### **Elementary Education**

#### **Bachelor of Education**

<b><u>General Education</u></b>	<b>Credit Hours</b>
Intro to Whole Person Educ (GEN 150)	1
English (COMP 102 and 303)	6
Foreign Language <sup>1</sup>	3
Oral Communication (COM 101)	3
Biblical Literature	4
Theology (THE 104 and 105)	4
Laboratory Science <sup>2</sup>	12
Mathematics <sup>3</sup>	12
Civics (GOV 101 and HIS 111)	6
Humanities(HUM 203 and 204)	6
Social Science Elective (SOC 323)	3
Health and Physical Education <sup>4</sup>	4

General Education Total 64

#### **Major**

#### **Professional Education**

PED 100	Education Seminar	0
PED 131	Pre-clinical I – Intro	1
PED 132	Pre-clinical II – SPED	1
PED 133	Pre-clinical III – ELL	1
PED 134	Pre-clinical IV – Content	1
PED 135	Pre-clinical V – Content	0

<sup>1</sup> Spanish Preferred

<sup>2</sup> BIO 101 with 101L, CHE 104, and EVR 250 with 250L must be taken

<sup>3</sup> MAT 105, 221, 222, 232 must be taken

<sup>4</sup> HPE 007 and 101 must be chosen as two of the HPE Activity courses

PED 136	Pre-clinical VI – Content	0
PED 205	Whole Child Education	3
PED 314	Culturally Sustained Pedagogy	3
PED 315	Inclusion and Individualization	3
PED 316	Educational Assessment	3
PED 361	Professional Education Seminar	0
PED 411	Integrated Instructional Methods	3
PED 465	Student Teaching – Early Childhood	4
PED 475	Student Teaching – Elementary	4

**Elementary Certification**

ELE 201	Elementary Language Arts	3
ELE 202	Literature & Multimodal Texts	3
ELE 307	Emergent Language & Literacy	3
ELE 308	Literacy Methods & Materials	3
ELE 405	Learning-Centered Assessment	3

Major Total	42
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**Concentration**

Students pursuing this major must choose one of the following concentrations.

**Special Education Concentration**

SED 201	SPED & Dyslexia Strategies	3
SED 202	Adapting Curricula	3
SED 305	Effective Practices	3
SED 306	SPED Law and Ethics	3
SED 405	Assessment & Intervention	3

Special Education Concentration Total	15
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**Early Childhood Education Concentration**

ECE 201	Appropriate ECE Practice	3
ECE 202	Infant & Toddler Development	3
ECE 305	Cognition & Curriculum	3
ECE 306	Innovative Differentiation	3
ECE 405	Creative Expression & Play	3

Early Childhood Education Concentration Total	15
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**English Language Learner Concentration**

ELL 304	Structure of Modern English	3
ELL 315	Descriptive Linguistics	3
ELL 343	EL Methods and Materials	3
ELL 353	EL Curriculum Design	3
ELL 393	EL Assessment	3

English Language Learner Concentration Total	15
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Degree Total	121
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**English Language in the Global Classroom****Bachelor of Education**

<b>General Education</b>		Credit Hours
Intro to Whole Person Educ (GEN 150)	1	
English (COMP 102 and 303)	6	
Foreign Language <sup>1</sup>	6	

Oral Communication (COM 101)	3
Biblical Literature	4
Theology (THE 104 and 105)	4
Laboratory Science (BIO 101 and 101L)	4
Science Elective (CHE 104)	4
Mathematics (MAT 232)	3
Civics (GOV 101 and HIS 111)	6
Humanities (HUM 203 and ENG 310)	6
Social Science Elective (SOC 323)	3
Health and Physical Education <sup>2</sup>	4

General Education Total	54
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**Professional Education**

PED 100	Education Seminar	0
PED 131	Pre-clinical I – Intro	1
PED 132	Pre-clinical II – SPED	1
PED 133	Pre-clinical III – ELL	1
PED 134	Pre-clinical IV – Content	1
PED 135	Pre-clinical V – Content	0
PED 136	Pre-clinical VI – Content	0
PED 205	Whole Child Education	3
PED 314	Culturally Sustained Pedagogy	3
PED 315	Inclusion and Individualization	3
PED 316	Educational Assessment	3
PED 361	Professional Education Seminar	0
PED 411	Integrated Instructional Methods	3
PED 412	International Teaching Experience	3
PED 465	Student Teaching – Early Childhood	4
PED 475	Student Teaching – Elementary	4

Major Total	30
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**Certifications****English Language Learner**

ELL 304	Structure of Modern English	3
ELL 315	Descriptive Linguistics	3
ELL 343	EL Methods and Materials	3
ELL 353	EL Curriculum Design	3
ELL 393	EL Assessment	3

**English**

ENG 201	Introduction to Literature	3
ENG 317	Multicultural Literature	3
ENG 470	Teaching English Methods	3
WRT 201	Introduction to Writing	3
WRT 300	Peer Tutor Workshop	3
Choice of one of the following	3	
ENG 323	American Literature I	
ENG 324	American Literature II	

**Elementary**

ELE 307	Emergent Language & Literacy	3
ELE 308	Literacy Methods & Materials	3
ELE 405	Learning-Centered Assessment	3

Certification Total	42
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Degree Total	126
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**Secondary Education****Bachelor of Education**

<b>General Education</b>		Credit Hours
Intro to Whole Person Educ (GEN 150)	1	
English (COMP 102 and 303)	6	
Foreign Language	3	
Oral Communication (COM 101)	3	
Biblical Literature	4	
Theology (THE 104 and 105)	4	
Laboratory Science <sup>3</sup>	4	
Mathematics (MAT 232)	3	
Civics (GOV 101)	3	
Humanities	6	
Social Science Elective (SOC 323)	3	
Health and Physical Education <sup>4</sup>	4	

General Education Total	44
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**Major****Professional Education**

PED 100	Education Seminar	0
PED 131	Pre-clinical I – Intro	1
PED 132	Pre-clinical II – SPED	1
PED 133	Pre-clinical III – ELL	1
PED 134	Pre-clinical IV – Content	1
PED 135	Pre-clinical V – Content	0
PED 136	Pre-clinical VI – Content	0
PED 205	Whole Child Education	3
PED 308	Literacy in Secondary Teaching	3
PED 314	Culturally Sustained Pedagogy	3
PED 315	Inclusion and Individualization	3
PED 316	Educational Assessment	3
PED 361	Professional Education Seminar	0
PED 409	Instructional Methods and Strategies: Secondary and K-12	3
PED 411	Integrated Instructional Methods	3
PED 485	Student Teaching: 7-9	5
PED 495	Student Teaching: 10-12	5

Major Total	35
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**Concentration**

Students pursuing this major must choose one of the following concentrations.

**English Concentration**

ENG 201	Introduction to Literature	3
PRP 327	Managing Social Media	3
WRT 201	Introduction to Writing	3
WRT 304	Structure of Modern English	3
WRT 355	History of English Language	3
Choice of four of the following courses:	12	
ENG 309	Young Adult Literature	
ENG 351	Shakespeare	
ENG 311	British Literature I	
ENG 312	British Literature II	
ENG 323	American Literature I	
ENG 324	American Literature II	

English Concentration Total	27
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<sup>1</sup> Spanish Preferred<sup>2</sup> HPE 007 and 101 must be chosen as two of the HPE Activity courses<sup>3</sup> Students pursuing a concentration in Science must take BIO 111 and 111L.<sup>4</sup> HPE 007 must be chosen as one of the HPE Activity courses

Electives	14
Degree Total	120
<b><u>Math Concentration</u></b>	
MAT 201 Calculus I	4
MAT 202 Calculus II	4
MAT 207 Discrete Mathematics	3
MAT 211 Differential Equations	3
MAT 312 Linear and Matrix Algebra	3
MAT 313 College Geometry	3
MAT 315 History of Mathematics	3
MAT 321 Calculus III	4
Math Concentration Total	27
Electives	14

Degree Total 120

**Physical Education Concentration**

HLSS 200 Introduction to Exercise Science and Physical Education	3
HLSS 231 Personal Health Science	3
HLSS 233 Safety and First Aid	3
HLSS 314 Motor Learning, Games, and Adaptive PE	3
HLSS 316 Kinesiology and Biomechanics	3
HLSS 319 Applied Anatomy and Physiology	4
HLSS 320 Prevention and Care of Sports Injuries	3
HLSS 324 Exercise Physiology	3
Choice of one of the following:	3
HLSS 228 Theory of Coaching	
HLSS 318 Psychology of Human Performance	
Physical Education Concentration Total	28
Electives	13

Degree Total 120

**Science Concentration**

BIO 112 Introduction to Biology II Lecture	3
BIO 112L Introduction to Biology II Lab	1
BIO 312 Human Ecology Lecture	3
BIO 312L Human Ecology Lab	1
BIO 372 Introduction to Biological Research	1
CHE 111 General Chemistry I Lecture	3
CHE 111L General Chemistry I Lab	1
CHE 112 General Chemistry II Lecture	3
CHE 112L General Chemistry II Lab	1
PHS 223 Human Anatomy I Lecture	3
PHS 223L Human Anatomy I Lab	1
PHS 224 Human Physiology I Lecture	3
PHS 224L Human Physiology I Lab	1
Science Concentration Total	25
Electives	16

Degree Total 120

**Social Studies Concentration**

BUS 201 Principles of Economics I	3
GOV 311 International Relations	3
HIS 111 American History II	3
HIS 310 Oklahoma History	3
HIS 490 DS: Cultural Geography	3
Choice of one of the following US History Electives:	3
HIS 340 Colonial America to Early National, 1607 to 1830	
HIS 343 Civil War and Reconstruction U.S.: 1830 to 1877	
HIS 344 Early Modern United States, 1877 to 1929: Gilded Age to World War I	
HIS 345 United States Since 1929	
Choice of one of the following European History Electives:	3
HIS 323 The Middle Ages and the Reformation, 476 to 1650	
HIS 324 Modern Europe, 1815 to Present	
HIS 425 Eastern European History	
HIS World History Electives (Non US & European)	9
Social Studies Concentration Total	30
Electives	11
Degree Total	120

**Education Minor**

Permission of the Dean of the College of Education is required prior to declaring this minor

The education minor is not accompanied by teaching licensure nor does it prepare the student for any licensure exam. The requirements of the minor are the completion of 18 hours of approved coursework having the ELE, SED, and ECE prefixes or PED 203, and 125.

**English Language Learner Minor**

This minor is for those interested in teaching students who are English language learners.

ELL 304 Structure of Modern English	3
ELL 315 Descriptive Linguistics	3
ELL 343 EL Methods and Materials	3
ELL 353 EL Curriculum Design	3
ELL 393 EL Assessment	3
ELL 413 Cross-Cultural Communication	3
Minor Total	18

**Departmental Courses**

**Early Childhood Education**

ECE 201 Appropriate ECE Practice	
ECE 202 Infant and Toddler Development	
ECE 305 Cognition and Curriculum	
ECE 306 Innovative Differentiation	
ECE 405 Creative Expression and Play	

ECE 999 Early Childhood Education Elective	
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**Elementary Education**

ELE 201 Elementary Language Arts	
ELE 202 Literature and Multimodal Texts	
ELE 307 Emergent Language and Literacy	
ELE 308 Literacy Methods and Materials	
ELE 405 Learning-Centered Assessment	
ELE 999 Elementary Education Elective	

**English Language Learner**

ELL 303 ELL Principles	
ELL 304 Structure of Modern English	
ELL 315 Descriptive Linguistics	
ELL 343 EL Methods and Materials	
ELL 353 EL Curriculum Design	
ELL 393 EL Assessment	
ELL 413 Cross-Cultural Communication	
ELL 999 English Language Learner Elective	

**Professional Education**

PED 100 Education Seminar	
PED 131 Pre-clinical I – Intro	
PED 132 Pre-clinical II – SPED	
PED 133 Pre-clinical III – ELL	
PED 134 Pre-clinical IV – Content	
PED 135 Pre-clinical V – Content	
PED 136 Pre-clinical VI – Content	
PED 203 Foundations and Methods of Education	
PED 205 Whole Child Education	
PED 222 School Health Care - Secondary	
PED 305 Pedagogy I	
PED 306 Pedagogy II	
PED 314 Culturally Sustained Pedagogy	
PED 315 Inclusion and Individualization	
PED 316 Integrated Instructional Methods	
PED 361 Professional Education Seminar/Portfolio	
PED 363 Educational Technology	
PED 409 Instructional Methods and Strategies: Secondary and K-12	
PED 411 Educational Assessment	
PED 450 Student Teaching Away	
PED 465 Student Teaching: Early Childhood	
PED 475 Student Teaching: Elementary	
PED 485 Student Teaching: 7-9	
PED 490 Research in Education	
PED 495 Student Teaching: 10-12	
PED 999 Professional Education Elective	

**Proficiency**

PRF 002 Proficiency Education Program Interview	
PRF 007 Proficiency: First Aid/CPR	

**Special Education**

SED 201 SPED and Dyslexia Strategies	
SED 202 Adapting Curricula	
SED 305 Effective Practices	
SED 306 SPED Law and Ethics	

SED 352	Behavior Management Strategies
SED 405	Assessment and Intervention
SED 999	Special Education Elective

## Graduate School of Education

J. Patrick Otto, Ed.D., Chair

### ***Master of Education in Teaching and Educational Leadership***

The Master of Education (M.Ed.) in Teaching and Educational Leadership is available in three areas of concentration: Interdisciplinary, Teaching, and Building Level Leadership.

The Interdisciplinary concentration combines core studies in educational leadership with graduate level electives in preparation for leadership, teaching, or working with organizations or individuals outside the traditional school system.

The Teaching concentration offers the option of initial teacher certification, including a student teaching semester, meeting all the requirements for certification in Oklahoma. The alternative certification option focuses on knowledge and skills to improve effectiveness in the K-12 classroom.

The Building Level Leadership concentration is preparation for the role of Principal in Public or Christian schools, leading to administrative certification in Oklahoma.

### ***Policies and Admission Requirements***

To qualify the applicant should have a baccalaureate degree with a minimum grade point average of 3.00 (on a 4.00 scale) from a regionally accredited undergraduate institution. To apply for admission, the applicant must submit the materials listed below to the Graduate School of Education for evaluation.

### **Degree-Seeking Students**

All students seeking admission to the Master of Education 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, which is waived if online application is completed
- 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 151. The Oklahoma

General Education Test (OGET) can be submitted instead of the GRE or MAT.)

- Test of English as a Foreign Language (TOEFL) score of 500 for non-native English speakers or a 6.5 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 1-2 pages defining the goals, experiences, etc.
- Grade point average of 3.00 on a 4.00 scale from a regionally accredited undergraduate institution.
- Students may transfer nine credit hours degree, providing the courses are approved by the ORU Graduate School of Education.
- At the discretion of the Graduate School of Education, students possessing a baccalaureate degree may be granted conditional or probationary admission with prescribed deficiencies when any of the above criteria are not met. Students on a conditional or probationary status will not be allowed to proceed beyond
- 12 credit hours of work toward a degree program in the Graduate School of Education.

### **Non-Degree-Seeking Students**

For various reasons, students may choose to take courses without seeking a degree. Non-degree-seeking students may complete 12 hours of coursework before declaring a degree; otherwise coursework beyond 12 credit hours is not applicable to a degree.

Non-degree-seeking students must maintain a 3.00 G.P.A. while in graduate school. Students desiring to change from a non-degree status to a degree program need to apply 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 junior or 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 3.00 G.P.A.

- Students are required to maintain a 3.00 in undergraduate and graduate studies in order to remain in the program.
- Students may need to complete additional admission requirements.
- A total of 12 hours of graduate courses are allowed in this program. No additional tuition is charged when total hours (undergraduate plus graduate) enrolled are between 12 and 18 hours each semester. This may allow a master's concentration to be completed within one year after the undergraduate degree is granted.

### **Readmission**

If students fail to take at least one course per year, they must file for readmission. Students who are readmitted and are enrolled continuously until graduation must fulfill the degree requirements of the year in which they were readmitted. An exception may occur with changes in State of Oklahoma certification requirements.

### **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.

A student must enroll in at least six hours per semester to be considered a full-time student. Three to four credit hours constitutes a full-time load during the semester when enrolled in internship or student teaching internship.

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.

Graduate students are required to maintain a 3.00 cumulative G.P.A. to remain in good standing. Students who fall below this level are placed on probation. Students whose cumulative grade point average remains below 3.00 for two consecutive semesters are subject to suspension from the program.

The M.Ed. must be completed within five years of acceptance into the degree program.

### **Academic Honesty**

Cheating in any form, including plagiarism, is a serious academic offense and is not tolerated. Consequences include a zero on the assignment and may include an F for the course, academic probation, suspension, or expulsion from the program.

Plagiarism is defined in each course syllabus.

### **Health Fitness Requirements for ORU Graduates**

Graduate students in the College of Education are required to take GHPE 503 – Graduate Health Fitness (1 credit hour) and one additional activity class (0.5-1 credit hour) to meet graduation requirements. GHPE 503 may be substituted with an additional activity course if the student successfully completed the required non-activity Health & Physical Education courses OR GHPE 503 while pursuing a previous degree at ORU. The additional activity class may be taken at either 0.5 or 1 credit hour as allowed by the course description and catalog.

### **Awards**

The College of Education may present Outstanding Graduate Education awards for the following programs:

- Master of Education
- Education Specialist
- Doctor of Education

### **Teaching and Educational Leadership**

#### **Master of Education**

#### **Assessments**

GPED 100 Graduate Education Seminar<sup>1</sup> 0

#### **ORU Distinctive Courses**

MED 582	Spiritual Perspectives in Education	2
GHPE 503	Graduate Health Fitness	1
Choice of one of the following:		.5
GHPE 515	Graduate Aerobics	
GHPE 525	Graduate Walk for Fitness	
HPE	Activity Course	
ORU Distinctive Total		3-3.5

#### **Core**

MED 501	Effective Leadership <sup>2</sup>	3
MED 502	Culturally Responsive Education	3
MED 503	Research I: Systematic Inquiry	3
MED 512	Strategically Leading Organizations <sup>3</sup>	3
GHED 601	Philosophy of Education	3
Core Total <sup>4</sup>		15

#### **Concentrations**

Students pursuing the M.Ed. must select one of the following concentrations:

### **Building Level Leadership Concentration**

This concentration is designed for college graduates interested in serving as a principal or building administrator in an elementary, middle school, or secondary setting. Students in this program are prepared for Oklahoma State certification. For Oklahoma certification, students must also pass the state examinations. Courses are selected based on National Educational Leadership Preparation (NELP) standards.

#### **Professional Education**

MED 523	Operational Leadership: Human Physical, & Capital Resources	3
MED 524	Policy, Governance, and Politics	3
MED 525	Leadership of Curricular and Instructional Practices	3
MED 593	Internship in Executive School Leadership School Building Level Leadership	3
MED 544	Leading from the Middle: Building Level Leadership	3
Building Level Leadership Concentration Total		15
Degree Total		33-33.5

### **Interdisciplinary Concentration**

This concentration will provide students with the core courses taught in the graduate School of Education along with the ORU distinctive courses. The student will then have the opportunity, under the direction of their advisor, to complete 15 credit hours in an area of specialization of their choosing. This concentration does not lead to certification.

#### **Area of Specialization**

Electives <sup>5</sup>		15
Interdisciplinary Concentration Total		15
Degree Total		33-33.5

### **Teaching Concentration**

The Masters of Education (M.Ed.) Teaching concentration is designed for both the person seeking a standard teaching certificate and the person seeking an alternative teaching certificate.

For those seeking a standard teaching certification, the concentration is designed for the college graduate desiring to earn an M.Ed. while obtaining teaching certification in a subject area at the secondary or K-12 level. Students wishing to pursue certification at the elementary level must

work with their advisors to design individual programs. Graduate students in this concentration should meet with their advisor prior to meeting with a content area advisor, so programs can be explained more thoroughly and students can understand the available options.

At the beginning of the semester prior to student teaching, students must apply to the Student Teacher Program. Students should contact the Coordinator of Student Teaching for details. Application must be filed by February 15 to student teach in the following Fall semester and by October 15 to student teach the following Spring semester. Participants in this program may be required to take leveling courses at the undergraduate level in addition to courses required for the degree.

This concentration is also designed for the college graduate desiring to earn an M. Ed. while preparing for alternative teaching certification. As each state has specific requirements for the alternative teaching license, graduate students completing this concentration should meet with their advisor for a more thorough explanation of the available options and requirements. Participants in this concentration may be required to take leveling courses at the undergraduate level in addition to courses required for the concentration.

#### **Pedagogy Core**

GPED 505	Pedagogy I	4
GPED 506	Pedagogy II	4
GPED 641	Instructional Methods & Strategies: Secondary and K-123	
Pedagogy Core Total		11

Students choose one of the following Certification Concentrations

#### **Traditional Certification Concentration**

Choice of the following: 8

GPED 685 Student Teaching: 7-9 (4) and  
GPED 695 Student Teaching: 10-12 (4) or  
GPED 650 Student Teaching Away (8)

#### **Alternative Certification**

GPED 584	Internship in K-12/Secondary Ed	5
MED 525	Leadership of Curricular & Instructional Practices	3
Certification Track Total		8
Teaching Concentration Total		19
Degree Total		34-34.5

<sup>1</sup> Students must enroll in GPED 100 during the first semester of the program and again in the last semester that they enroll in classes.

<sup>2</sup> MED 501 is not required for students pursuing the Teaching concentration.

<sup>3</sup> Students pursuing the Teaching concentration should take MED 504 instead of MED 512.

<sup>4</sup> Core total decreases to 12 for students pursuing the Teaching concentration.

<sup>5</sup> Selected upon consultation with and approval of advisor.

### **Education Specialist Program**

The Educational Specialist program (Ed.S.) in Educational Leadership is designed to provide professionals in education an opportunity to refine their skills and knowledge base. Advanced graduate studies will greatly benefit candidates who possess substantial experience in teaching and administration. The Ed.S. program is comprised of 41-44 post-master's credit hours concluding with a capstone project depending on the concentration completed. Ed.S. Candidates choose from the following four concentrations: Higher Education Administration, Higher Education Teaching, Christian School Administration, and Public School Administration.

All Ed.S. degrees must be completed within seven years of the applicant's acceptance into the program.

### **Policies and Admission Requirements**

#### **Admission to the Program**

Candidates for admission to the Ed.S. program are asked to submit a portfolio of items to a faculty admissions committee from the Graduate School of Education. The following items are required to be in the candidate's portfolio:

- Application for admission.
- Application processing 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.)

Two samples of written work. Term papers, articles, or class papers can be submitted. 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 500 for non-native English speakers or a 6.5 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.S. 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 on 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.S. program may request transfer of up to 12 credit hours of post-master's degree study from other institutions (1) if the courses are appropriate to the ORU program, (2) if grades earned were 3.00 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.

#### **Enrollment and Retention**

Upon admission to the Ed.S. program, students meet with their advisor to prepare for the course of study. Students who wish to switch from the Ed.D. program to the Ed.S. must be in good academic standing.

Ed.S. students are required to maintain a 3.00 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 3.00 for two consecutive semesters are subject to suspension from the program. Ed.S. students must retake any core course in which they earn any grade below a B. The Graduate School of Education handbook has additional guidelines.

#### **Course Load**

The full-time course load for students in the Ed.S. program is six hours per semester.

#### **Capstone Project**

The Ed.S. program concludes with a capstone project. The capstone project will occur as a three credit hour course that will be specific to the student's area of emphasis.

Cheating in any form, including plagiarism, is a serious academic offense and is not tolerated. Consequences include a zero on the assignment and may include an F for the course, academic probation, suspension or expulsion from the program.

Plagiarism is defined in each course syllabus.

### **Educational Leadership Education Specialist**

#### **Assessments**

GPED 100 Graduate Education Seminar<sup>1</sup> 0

#### **ORU Distinctive Courses**

GHPE 503 Graduate Health Fitness 1  
Choice of the following: .5  
GHPE 515 Graduate Aerobics (.5)  
GHPE 525 Graduate Walk for Fitness (.5)  
HPE Activity Course (.5-1.0) credit hours

ORU Distinctive Total 1.5

#### **Ed.S. Core**

GHED 600 Fundamentals of Scholarly Writing<sup>2</sup> 3  
GHED 601 Philosophy of Education 3  
GHED 602 Culturally Responsive Education 3  
GHED 700 Scholarship and Transformation: Introduction to Doctoral Studies 3  
GHED 701 Effective Leadership 3  
GHED 702 Strategically Leading Organizations 3  
GHED 704 Effective Communication Strategies for Educational Leadership 3

Ed.S. Core Courses Total 21

#### **Research Block**

GHED 603 Research I: Systematic Inquiry 2.5  
GHED 904 Pre-Dissertation Proposal 0.5

Research Block Course Total 3

#### **Area of Emphasis**

Students in the Higher Education concentrations will complete a Capstone course. Those students in the P-12 concentrations will meet this competency through the required internship course.

#### **P-12 Public School Administration Track**

This track is specifically designed for an experienced educator interested in advanced study to prepare for administrative assignments in public educational leadership.

GADM 821 Executive Leadership: The Superintendency 3  
GADM 823 Operational Leadership: Human Physical, and Capital Resources 3  
GADM 824 Policy, Governance, and Politics 3  
GADM 825 Leadership of Curricular and Instructional Practices 3  
GADM 826 Internship in Executive School Leadership 3

<sup>1</sup> Students must enroll in GPED 100 during the first semester of the program.

<sup>2</sup> Advanced Standing is offered for those with Exemplary score on the admissions

writing rubric.

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P-12 Public School Admin.	
Course Total	15

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### **P-12 Christian School Administration Track**

This track is specifically designed for an experienced Christian school educator interested in advanced study to prepare for an executive or leadership assignment in a Christian elementary and/or secondary school.

GADM 822 Executive Leadership in Christian Schools	3
GADM 823 Operational Leadership: Human Physical, and Capital Resources	3
GADM 824 Policy, Governance, and Politics	3
GADM 825 Leadership of Curricular and Instructional Practices	3
GADM 826 Internship in Executive School Leadership	3

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P-12 Christian School Admin.	
Course Total	15

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### **Higher Education Administration Track**

This track 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.

GHED 804 Executive Leadership in Higher Education: Organization and Administration	3
GHED 806 History and Future of Higher Education	3
GHED 807 Policy Analysis and Legal Issues in Higher Education	3
GHED 808 Finance in Higher Education	3
GHED 809 The College Student	3

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Higher Education Administration Course Total	15
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### **Higher Education Teaching Track**

This concentration is specifically designed for an experienced school educator interested in advanced study to prepare for a teaching assignment in postsecondary schools, colleges and universities. The student should already have an advanced degree in the subject area in which they plan to teach.

GHED 805 Teaching and Learning in Higher Education	3
GHED 806 History and Future of Higher Education	3
GHED 809 The College Student	3
GHED 810 Teaching with Technology	3
GHED 811 Curriculum Design in Higher Education	3

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Higher Education Teaching	
Course Total	15

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Ed.S. Program Total <sup>1</sup>	40-40.5
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### **Doctorate in Educational Leadership Program**

The Doctor of Education (Ed.D.) in Educational Leadership program 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. program is based on 54 credit hours of post-master's degree study, including a dissertation. The program focuses on four concentrations: Public School Administration, Christian School Administration, Higher Education Administration, and Higher Education Teaching. All Ed.D. concentrations must be completed within seven years of the applicant's acceptance into the program.

#### **Policies and Admission Requirements**

#### **Admission to the Program**

Candidates for admission to the Ed.D. program are asked to submit a portfolio of items to a faculty admissions committee from the Graduate School of Education. 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 which is waived if the application is completed online.

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. The third writing sample will be a response to

an article provided by the Office of Admissions.

Test of English as a Foreign Language (TOEFL) score of 500 for non-native English speakers or a 6.5 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 how the candidate's portfolio matches the Ed.D. program in terms of career goals, value-added diversity (age, gender, ethnicity, interests, talents, and geographic origin), strength of recommendations, and space in the program. 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-master's degree study from other institutions 1) the courses are appropriate to the ORU program, 2) grade point averages earned were 3.00 or higher on a 4.00 scale, and 3) 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 24 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.

<sup>1</sup> Candidates without professional educational experience or a B.A. or B.S.E. in Education will be required to take MED 599

Educational Concepts with the first 9 credit hours of the studies. MED 599 is a .5 credit

hour courses and will add to the total number of credit required for the program.

### **Enrollment and Retention**

Upon admission to the Ed.D. program, students meet with their advisor 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.

Candidates without professional educational experience or a B.A. or B.S.E. in Education will be required to take MED 599 Educational Concepts with the first 9 credit hours of the studies. MED 599 is a 0.5 credit hour course and will add to the total number of credit hours required for the 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 four dissertation credit hours.

### **Dissertation Enrollment Policy**

Doctoral candidates are required to enroll in dissertation hours every semester in which their dissertation is in progress, including the semester in which they defend. Once they have defended, they have one month to complete all edits and the final APA review. If the edits and APA review are not approved by the end of the semester in which the student defends the dissertation, they are required to enroll in GPED 100 the following semester and every semester including summer until the final version of the dissertation is approved. When the final version of the dissertation is approved, the diploma will be awarded.

### **Grade Point Average**

Doctoral students are required to maintain a 3.00 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 3.00 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.

### **Academic Honesty**

Cheating in any form, including plagiarism, is a serious academic offense and is not tolerated. Consequences include a zero on the assignment and may include an F for the course, academic probation, suspension, or expulsion from the program. Plagiarism is defined in each course syllabus.

### **Doctor of Education**

The Doctor of Education degree is in educational leadership. It requires 21 credit hours of doctoral core courses, 16 hours of dissertation/research block courses, 15 hours in one of four concentrations: (1) higher education administration; (2) higher education teaching; (3) Christian school administration (P-12); and (4) public school administration with superintendent certification; and 2 credit hours of ORU Distinctive Courses. The Ed.D. requires a minimum of 53 credit hours of post-master's degree study, including a dissertation.

### **Assessments**

GPED 100	Graduate Education Seminar <sup>1</sup>	0
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### **ORU Distinctive Courses**

GHPE 503	Graduate Health Fitness	1
	Choice of one of the following:	.5
GHPE 515	Graduate Aerobics	
GHPE 525	Graduate Walk for Fitness	
HPE	Activity Course	
	ORU Distinctive Total	1.5

### **Core**

GHED 600	Fundamentals of Scholarly Writing <sup>2</sup>	3
GHED 601	Philosophy of Education	3
GHED 602	Culturally Responsive Education	3
GHED 700	Scholarship and Transformation: Introduction to Doctoral Studies	3
GHED 701	Effective Leadership	3
GHED 702	Strategically Leading Organizations	3
GHED 704	Effective Communication Strategies for Educational Leaders	3
	Core Total	21

### **Research/Dissertation**

GHED 603	Research I: Systematic Inquiry	2.5
GHED 703	Research II: Educational Research Methods	2.5

GHED 803	Research III: Program Evaluation	2.5
GHED 903	Research IV: Capstone Seminar	2.5
GHED 904	Pre-Dissertation Prep <sup>3</sup>	2
GHED 905	Dissertation/Capstone <sup>4</sup>	4
	Research/Dissertation Total	16

### **Public School Administration Track**

This track 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 requires state certification as a superintendent of schools. According to the Oklahoma State Department of Education, the requirements for certification as a superintendent of school 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 master's degree from a regionally accredited university.

Pass the Oklahoma Subject Area Test for Superintendents.

GADM 821	Executive Leadership: The Superintendency	3
GADM 823	Operational Leadership: Human Physical, and Capital Resources	3
GADM 824	Policy, Governance, and Politics	3
GADM 825	Leadership of Curricular and Instructional Practices	3
GADM 826	Internship in Executive School Leadership	3
	Public School Administration Course Total	15

### **Christian School Administration Track**

This track is specifically designed for an experienced Christian school educator interested in advanced study to prepare for an executive or leadership assignment in a Christian elementary and/or secondary school.

GADM 822	Executive Leadership in Christian Schools	3
GADM 823	Operational Leadership: Human Physical, and Capital Resources	3
GADM 824	Policy, Governance, and Politics	3

<sup>1</sup> Students must enroll in GPED 100 during the first semester of the program and again every semester while in dissertation phase.

<sup>2</sup> Advanced standing is offered for those with a score of Exemplary on the admissions writing rubric.

<sup>3</sup> GHED 904 is a 0.5 credit course and must be taken as a co-requisite to GHED 603, 703, 803, and 903.

<sup>4</sup> Students complete a minimum of two 2 credit hour courses.

GADM 825 Leadership of Curricular and Instructional Practices	3
GADM 826 Internship in Executive School Leadership	3
Christian School Administration Course Total	15

### **Higher Education Administration Track**

This track 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.

GHED 804 Executive Leadership in Higher Education: Organization and Administration	3
GHED 806 History and Future of Higher Education	3
GHED 807 Policy Analysis and Legal Issues in Higher Education	3
GHED 808 Finance in Higher Education	3
GHED 809 The College Student	3
Higher Education Administration Course Total	15

### **Higher Education Teaching Track**

This concentration is specifically designed for an experienced school educator interested in advanced study to prepare for a teaching assignment in postsecondary schools, colleges and universities. The student should already have an advanced degree in the subject area in which they plan to teach.

GHED 805 Teaching and Learning in Higher Education	3
GHED 806 History and Future of Higher Education	3
GHED 809 The College Student	3
GHED 810 Teaching with Technology	3
GHED 811 Curriculum Design in Higher Education	3
Higher Education Teaching Course Total	15
Degree Total <sup>1</sup>	53-53.5

## **Departmental Courses**

### **Graduate Administration**

GADM 821 Executive Leadership: The Superintendency
GADM 822 Executive Leadership in Christian Schools
GADM 823 Organizational Leadership: Human, Physical and Capital Resources
GADM 824 Policy, Governance, and Politics

GADM 825 Leadership of Curricular and Instructional Practices
GADM 826 Internship in Executive School Leadership
GADM 999 Graduate Administration Elective

### **Graduate Higher Education**

GHED 599 Educational Concepts
GHED 600 Fundamentals of Scholarly Writing
GHED 601 Philosophy of Education
GHED 602 Culturally Responsive Education
GHED 603 Research I: Systematic Inquiry
GHED 700 Scholarship and Transformation: Introduction to Doctoral Studies
GHED 701 Effective Leadership
GHED 702 Strategically Leading Organizations
GHED 703 Research II: Educational Research Methods
GHED 704 Effective Communication Strategies for Educational Leaders
GHED 803 Research III: Program Evaluation
GHED 804 Executive Leadership in Higher Education: Organization and Administration
GHED 805 Teaching and Learning in Higher Education
GHED 806 History and Future of Higher Education
GHED 807 Policy Analysis and Legal Issues in Higher Education
GHED 808 Finance in Higher Education
GHED 809 The College Student
GHED 810 Teaching with Technology
GHED 811 Curriculum Design in Higher Education
GHED 904 Pre Dissertation Proposal
GHED 905 Doctoral Capstone/Dissertation
GHED 903 Research IV: Capstone Seminar
GHED 905 Doctoral Capstone/Dissertation

### **Graduate Professional Education**

GPED 100 Graduate Education Seminar
GPED 505 Pedagogy I
GPED 506 Pedagogy II
GPED 584 Internship in K-12/Secondary Education
GPED 641 Instructional Methods and Strategies: Secondary and K-12
GPED 650 Student Teaching Away
GPED 665 Student Teaching: Early Childhood
GPED 670 Early Childhood Internship
GPED 675 Student Teaching: Elementary
GPED 685 Student Teaching: 7-9
GPED 690 Directed Study

GPED 695 Student Teaching: 10-12
GPED 704 Seminar in Education

### **Graduate Special Education**

GSED 501 Intro to Special Education and Dyslexia Strategies and Techniques
GSED 505 Adapting Early Childhood Curricula for Children with Special Needs
GSED 506 Effective Practices for Core Content
GSED 507 Assessment and Behavioral Intervention
GSED 508 Special Education Law and Ethics
GSED 623 Issues, Trends, and Curriculum Modification in Special Education
GSED 999 Graduate Special Education Elective

### **Master of Education**

MED 501 Effective Leadership
MED 502 Culturally Responsive Education
MED 503 Research I: Systematic Inquiry
MED 504 Effective Communication Strategies for Educational Leaders
MED 512 Strategically Leading Organizations
MED 523 Operational Leadership: Human, Physical and Capital Resources
MED 524 Policy, Governance, and Politics
MED 525 Leadership of Curricular and Instructional Practices
MED 544 Leading from the Middle: Building Level Leadership
MED 582 Spiritual Perspectives in Education
MED 593 Internship in Executive School Leadership
MED 599 Educational Concepts

### **Proficiencies**

PRFE 501 Master Comprehensive Exams
PRFE 800 Ed. D. Comprehensive Exams
PRFE 900 Doctoral Defense

<sup>1</sup> Candidates without professional educational experience or a B.A. or B.S.E. in Education will be required to take MED 599

Educational Concepts with the first 9 credit hours of the studies. MED 599 is a .5 credit

hour courses and will add to the total number of credit required for the program.

# College of Health Sciences

Kathleen Reid-Martinez, Ph.D., Interim Dean

## Faculty

Brenna Bohatec.....DNP Program Director  
B.S.N., Oral Roberts University, 1998;  
M.S.N. with FNP Concentration, Old Dominion University, 2012;  
D.N.P., Maryland University, 2018.

Lenore Butay.....Instructor  
B.S., Grinnell College, 1975;  
B.S.N., Creighton University, 1978;  
M.S., University of Oklahoma, 1999.

Patricia Ann Catts.....Assistant Professor  
B.S.N., Oral Roberts University, 1980;  
M.S.N., University of Pittsburg, 1984;  
Ph.D., Texas Women's University, 2002.

Kenda K. Jezek....Professor and Dean of the College of Nursing  
B.S., Oklahoma Baptist University, 1967;  
M.S., University of Oklahoma, 1978;  
Ph.D., University of Texas, 1993.

Kimberly Landrum.....Associate Professor  
Diploma in Nursing,  
Mt. Carmel School of Nursing, 1982;  
B.S.N., Capital University, 1994;  
M.S., Nursing Education,  
Texas Woman's University, 2011;  
Ph.D., Texas Woman's University, 2018.

Rebecca S. Poore.....Assistant Professor  
B.S., Olivet Nazarene University, 1977;  
B.S., Northeastern State University, 1989;  
M.S., Graceland University, 2006.

Dean Prentice.....Associate Professor,  
Health Sciences  
B.S.N., Oral Roberts University, 1988;  
M.A., Webster University, 2001;  
D.H.A., University of Phoenix, 2015;

Joe Ann Robinson.....Instructor  
B.S.N., Oklahoma Wesleyan University, 2008;  
M.S.N., Kaplan University, 2011.

Cheryl Swanson.....Assistant Professor  
B.S.N., Oral Roberts University, 1987;  
M.S., University of Oklahoma, 2007;  
Ph.D., University of Texas, 2012.

Audrey Thompson.....Senior Professor,  
Assoc. Dean of AVSON  
B.S.N., University of Oklahoma, 1989;  
M.S.N., Oral Roberts University, 1994;  
Ph.D., Texas Women's University, 2010.

Rachael Valentz.....Instructor  
B.S.N., Oral Roberts University, 2004;  
M.S.N., Northeastern Oklahoma State University, 2015.

Corie Van Arsdale.....Instructor  
B.S.N., Oral Roberts University, 1990;  
B.S.N., Bethel College, 2011.

## Overview

The Anna Vaughn School of Nursing (AVSON) offers a generic baccalaureate program for persons initiating entry to the nursing profession.

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 Anna Vaughn School of Nursing.

Students with a nursing degree from the AVSON will find that there are great opportunities such as high job availability and career advancement. The AVSON educational experience thoroughly prepares the student for graduate courses if the student so desires.

## Anna Vaughn School of Nursing

Audrey Thompson, PhD., Associate Dean

**Mission Statement:** The mission of the Anna Vaughn School 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.

## Program Learning Outcomes

Upon completion of the B.S.N. curriculum, the graduate will be able to do the following:

- Integrate knowledge of liberal arts, sciences, theories, and concepts to provide safe, evidence-based, professional nursing care.
- Assume accountability for patient-centered, wholistic nursing care across the life span of diverse populations and settings.
- Utilize nursing judgment supported by best current evidence to prevent illness and promote, maintain, and restore health.
- Collaborate in a professional, culturally sensitive style in the delivery of healthcare.
- Promote excellence in nursing through safe practices and quality improvement.

- Employ informatics and technology in the delivery and management of healthcare.
- Demonstrate a personal leadership style that integrates Christian principles, a global perspective, wholeness, ethical behavior, and cultural awareness.

## Requirements and Policies

The ORU AVSON Student Handbook contains a complete list of the Anna Vaughn School of Nursing policies.

### Declaring a Nursing Major

Any university student who declares nursing as a major will be assigned to an academic advisor within the college of nursing. Admission into the College of Nursing occurs after the 2nd semester of freshman year upon the student meeting criteria for continuation in the nursing program.

### Admission into the College of Nursing Major

In the fall semester of YEAR 2 through each of the following semesters through graduation (BSN degree plan) is contingent on a student's meeting the following criteria:

Minimum 2.5 pre-requisite Nursing GPA with no grade below a "C" in any pre-requisite science course.

Depending on individual circumstances, a student who does not meet the criteria for continuation as a nursing major will meet with his or her academic advisor to evaluate the following options:

- Taking courses that contribute to the development of essential academic skills, for example ATI online courses or other identified sources for success.
- Adjusting schedule for degree completion.
- Choosing an alternative major.

### General Transfer Guidelines

Academic credits are transferred in accordance with university guidelines:

- Official transcripts must arrive in the Registrar's Office for transfer evaluation.
- Transfer evaluations must be finalized prior to admission to nursing courses.
- Transfer of nursing credits is rare. However, transfer decisions are based on the faculty and dean's assessments of equivalency of courses with AVSON courses.
- Non-clinical nursing courses are more likely to transfer than clinical nursing courses.

Transfer students must enter the nursing program by the fall of the sophomore course sequence. NUR 230

Pathophysiology and NUR 300 Health Assessment are offered only in the fall semester, sophomore year. Students must successfully complete these courses prior to admission to NUR 203 Intro to Gerontological Nursing, NUR 206 Foundations of Nursing, and NUR 301 Pharmacology I, offered in the spring semester of sophomore year. Therefore, a transfer student requires a minimum of six semesters over three academic years to complete the BSN degree (the sequence of nursing courses begins in the fall semester).

Students desiring to transfer should make an appointment to contact a designated faculty advisor at (918.495.6198).

\*Note: Transfer students' level will be designated within the College of Nursing per their nursing cohort rather than according to credit hour classification.

### ***Admission Guidelines for Anna Vaughn School of Nursing***

Upon acceptance to attend classes in the AVSON, the student meets with an academic advisor to select courses applicable to the BSN (Bachelor of Science in Nursing). A student who deviates from the proposed plan of study may have difficulty fitting required courses in to class schedules, particularly upon enrollment in clinical nursing courses. Progression in the nursing program is evaluated on a semester by semester basis and is detailed in subsequent policies.

### ***T.E.A.S. ATI***

Upon acceptance to attend classes in the AVSON, all students (freshman or transfer) will be required to take on their own and submit the scores of the Test of Essential Academic Skills (T.E.A.S.) for assessment purposes. Submission of T.E.A.S. score must be accomplished no later than the first 3 weeks of enrollment in PNUR 113. The T.E.A.S. consists of four tests: reading, math, science, and English.

### ***Continuation in the Program***

Once admitted to the Anna Vaughn School of Nursing (AVSON), an academic advisor will assist the student to project a plan of study, including but not limited to choosing appropriate courses for the imminent semester and setting a target graduation date. A student who fails to meet with an academic advisor within the Anna Vaughn School of Nursing risks delayed progression in completing the B.S.N. degree.

Continuation as a student of ORU is not automatic. Students enrolled in the nursing program must comply with the standards and regulations of the University,

AVSON, and associated clinical and community agencies. Basic academic, spiritual, and physical requirements must be satisfied. Students in the nursing sequence (NUR 200 and beyond) courses prerequisite to the major, nursing courses, and all courses combined (cumulative) must maintain a 2.50 G.P.A.

If, at the end of a semester, a student's G.P.A. is less than 2.50, the student is placed on academic probation. The student must restore his or her G.P.A. to the minimum 2.50 by the end of the following semester in order to progress in the program.

A student may repeat a nursing course to raise the G.P.A. only by permission of the Dean of the Anna Vaughn School of Nursing. A student may repeat no more than two nursing courses to raise the G.P.A.

A student may repeat a prerequisite course only one time in order to achieve a grade of "C" or better. A "D" in a nursing course counts as a failing grade. A student who fails any nursing course must petition to repeat the course. The petition is submitted to the Dean of the Anna Vaughn School of Nursing, who makes the decision in conjunction with the AVSON Faculty Senate.

A student who fails nursing courses in two semesters, regardless of successfully repeating the first failure, will be dismissed from the nursing program.

### ***Student Responsibilities***

It is the student's responsibility to keep informed of the policies of the Anna Vaughn School of Nursing. Students are responsible for the following:

- Read the academic catalog.
- Read the AVSON Student Handbook.
- Complete T.E.A.S. assessment upon acceptance to attend AVSON classes.
- Read all course syllabi.
- Meet with the academic advisor at least once each semester.
- Seek clarification from the Dean and/or faculty as needed.

### ***Background Checks***

All clinical agencies require that nursing students undergo criminal background checks. 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 is 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.

### ***Drug Screens***

Clinical agencies require drug screening for students participating in clinical experiences. Therefore, each student must undergo a 10-panel drug screen prior to admission to NUR 206 Foundations of Nursing, the first clinical nursing course. A student who is de-enrolled must take another drug screen prior to readmission to clinical nursing courses.

### ***NCLEX-RN Examination and Licensure for Eligibility in Oklahoma***

The Oral Roberts University Anna Vaughn School of Nursing is approved by the Oklahoma Board of Nursing. Graduates of this state-approved program are eligible to apply to write the National Council Licensure Examination (NCLEX) for registered nurses. Applicants for Oklahoma licensure must meet all state and federal requirements to hold an Oklahoma license to practice nursing. In addition to completing a state-approved nursing education program that meets educational requirements and successfully passing the licensure examination, requirements include submission of an application for licensure, a criminal history records search, and evidence of citizenship or qualified alien status. To be granted a license, an applicant must have the legal right to reside in the United States (United States Code Chapter 8, Section 1621). In addition, Oklahoma law only allows a license to be issued to U.S. citizens, U.S. nationals, and legal permanent resident aliens. Other qualified aliens may be issued a temporary license that is valid until the expiration of their visa status, or if there is no expiration date, for one year. Applicants who are qualified aliens must present, in person, valid documentary evidence of the following:

- A valid, unexpired immigrant or non-immigrant visa status for admission into the United States;
- A pending or approved application for asylum in the United States;
- Admission into the United States in refugee status;
- A pending or approved application for temporary protected status in the United States;
- Approved deferred action status; or
- A pending application for adjustment of status to legal permanent resident status or conditional resident status.

The Board has the right to deny a license to an individual with a history of criminal background, disciplinary action on another health-related license or

certification, or judicial declaration of mental incompetence [59 O.S. §567.8]. These cases are considered on an individual basis at the time application for licensure is made, with the exception of felony charges. An individual with a felony conviction cannot apply for licensure for at least five years after completion of all sentencing terms, including probation and suspended sentences, unless a presidential or gubernatorial pardon is received [59 O.S. §567.5 & §567.6].

Questions regarding this policy should be directed to the Oklahoma Board of Nursing.

Oklahoma Board of Nursing  
2915 N. Classen Blvd., Suite 524  
Oklahoma City, OK 73106  
(405) 962-1800

### **Clubs and Organizations**

Student Nurses Association. The Oklahoma National Student Nurses Association supports and furthers the nursing student's education.

The 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 are available for nursing majors. Students should contact the Anna Vaughn School of Nursing at (918) 495-6198 for further information.

### **Curricula**

#### ***Nursing Major***

##### **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 four elements: a

liberal arts/general education core (38 credit hours); prerequisite courses required for the major (22 credit hours); pre-nursing courses (3 credit hours); and professional nursing courses (57 credit hours).

<b>General Education</b>	<b>Credit Hours</b>
Intro to Whole Person Educ (GEN 150)	1
English (COMP 102, 303)	6
Foreign language	4
Oral Communication (COM 101)	3
Biblical Literature	4
Theology (THE 104 and 105)	4
Mathematics (MAT 232)	3
Civics	3
Humanities	6
Health and Physical Education	4
<b>General Education Total</b>	<b>38</b>

#### **Pre-requisites**

BIO 150	Human Biology Lecture	3
BIO 150L	Human Biology Lab	1
BIO 212	Principles of Microbiology Lecture	3
BIO 212L	Principles of Microbiology Lab	1
PHS 223	Human Anatomy Lecture	3
PHS 223L	Human Anatomy Lab	1
PHS 224	Human Physiology Lecture	3
PHS 224L	Human Physiology Lab	1
PSY 201	Principles of Psychology	3
PSY 301	Developmental Psychology	3
<b>Pre-requisite Total</b>		<b>22</b>

#### **Pre-nursing Courses**

PNUR 111	Medical Terminology	1
PNUR 112	Dosage Calculation	1
PNUR 113	Professional Nursing I: Called to Care	1
<b>Pre-nursing Courses Total</b>		<b>3</b>

#### **Major**

NUR 203	Intro. to Gerontological Nursing	2
NUR 206	Foundations of Nursing	5
NUR 230	Pathophysiology I	3
NUR 300	Health Assessment I	3
NUR 301	Pharmacology I	3
NUR 303	Professional Nursing II: Ethics, Law, and Healthcare Delivery	1
NUR 311	Adult Health and Illness I	5
NUR 316	Patterns of Pediatric Nursing	4
NUR 318	Adult Health and Illness II	4
NUR 407	Adult Health and Illness III	3
NUR 408	Professional Nursing III: Management of Care	1
NUR 409	Community Health Nursing	3
NUR 411	Community Leadership	5
NUR 413	Adult Health and Illness IV	5
NUR 434	Patterns of Childbearing	3
NUR 482	Nursing Concepts Review	2
NUR 490	Transition to Nursing Practice	1
NUR 498	Research/Senior Paper I	2
NUR 499	Research/Senior Paper II	2

Major Total 57

Degree Total 120

### **Departmental Courses**

#### ***Pre-Nursing***

PNUR 111	Medical Terminology
PNUR 112	Dosage Calculation
PNUR 113	Professional Nursing I: Called to Care

#### ***Nursing***

NUR 110	Called to Care: Theory
NUR 203	Introduction to Gerontological Nursing
NUR 206	Foundations of Nursing
NUR 206L	Foundations of Nursing Lab
NUR 230	Pathophysiology I
NUR 300	Health Assessment I
NUR 301	Pharmacotherapeutics I
NUR 303	Professional Nursing II: Ethics, Law, and Healthcare Delivery
NUR 304	Community Mental Health Nursing
NUR 306	Patterns of Health and Illness II: Children and Families
NUR 307	Patterns of Health and Illness II
NUR 308	Patterns of Health and Illness II: Adults
NUR 311	Patterns of Health and Illness I
NUR 311L	Patterns of Health and Illness I Lab
NUR 316	Patterns of Health and Illness: Children and Families
NUR 316L	Patterns of Health and Illness: Children and Families Lab
NUR 318	Adult Health and Illness II
NUR 318L	Adult Health and Illness II Lab
NUR 320	Health Promotion and Culture
NUR 335	Health Informatics
NUR 365	Evidence-Based Practice I
NUR 400	Patterns of Health and Illness III
NUR 403	Patterns of Community Nursing
NUR 405	Patterns of Leadership
NUR 406	Patterns of Health and Illness IV
NUR 407	Adult Health and Illness III
NUR 408	Professional Nursing III: Management of Care
NUR 409	Community Health Nursing
NUR 411	Community Leadership
NUR 413	Adult Health and Illness IV
NUR 430	Patterns of Childbearing
NUR 434	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 482	Nursing Concepts Review
NUR 490	Transition to Nursing Practice
NUR 498	Research/Senior Paper I
NUR 499	Research/Senior Paper II
NUR 999	Nursing Elective

**Nutrition**

- NUT 201 Nutrition  
NUT 99 Nutrition Elective

**Doctor of Nursing Practice**

- GDNP 601 Graduate Orientation  
GDNP 602 Spirit-Empowered Life and Leadership  
GDNP 616 Advanced Pathophysiology  
GDNP 617 Advanced Health Assessment  
GDNP 618 Advanced Pharmacology  
GDNP 620 Primary Care for Families I: Women's Health  
GDNP 622 Primary Care for Families II: Pediatrics  
GDNP 623 Primary Care for Families Practicum II: Pediatrics  
GDNP 632 Primary Care for Families III: Adults and Older Adults  
GDNP 633 Primary Care for Families Practicum III: Adults and Older Adults  
GDNP 636 Primary Care for Families IV: Adults and Older Adults  
GDNP 637 Primary Care for Families Practicum IV: Adults and Older Adults  
GDNP 655 Transitioning to Advanced Practice Nursing Role  
GDNP 657 Advanced Skills Practicum  
GDNP 700 DNP Independent Studies  
GDNP 712 Foundations of Leadership in Health Care  
GDNP 715 Evidence-based Practice: The Nature and Application of Evidence  
GDNP 718 Informatics for Scholarly Nursing Practice  
GDNP 724 Clinical Data Management and Analysis  
GDNP 725 Integrative Application of Evidence-Based Practice I  
GDNP 726 Evaluation Methods for Safety & Quality Improvement  
GDNP 730 Epidemiology & Population Health  
GDNP 742 Interdisciplinary Leadership and Role Development for EBP  
GDNP 746 Translational Research Methods: Design and Analysis for Evidence-Based Practice  
GDNP 750 Health Policy, Economics, & Finance  
GDNP 811 Integrative Application of Evidence-Based Practice II  
GDNP 813 Integrative Application of Evidence-Based Practice III

**Graduate Nursing**

- GNUR 501 Graduate Orientation  
GNUR 502 Scholarship and Research  
GNUR 506 Advanced Pathophysiology  
GNUR 507 Advanced Health Assessment  
GNUR 508 Advanced Pharmacology

- GNUR 511 Immersive Technology and Informatics  
GNUR 512 Contextual Influences on Education  
GNUR 513 Leadership and Systems Management  
GNUR 516 Advanced Pathophysiology  
GNUR 517 Advanced Health Assessment  
GNUR 518 Advanced Pharmacology  
GNUR 575 Curriculum Design and Implementation  
GNUR 580 Curriculum Evaluation  
GNUR 598 Teaching and Learning Capstone I  
GNUR 599 Teaching and Learning Capstone II

**Healthcare Administration**

- HCA 220 Design in Healthcare Delivery  
HCA 240 Healthcare to the Nations  
HCA 320 Quality Process Improvement  
HCA 340 Population Health Management  
HCA 420 Healthcare & Patient Safety Management  
HCA 430 Emergency & Disaster Management in Healthcare  
HCA 440 Leadership in Health Administration  
HCA 451 Healthcare Internship  
HCA 498 Research/Senior Paper I  
HCA 499 Research/Senior Paper I I

## College of Science and Engineering

Kenneth Weed, Ph.D., Dean

Angela Watson, Ph.D. Associate 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

Robin Akbar...Assistant Professor of Physics  
B.S., University of Panjab, 1964;  
M.S., 1967.

Stacey Blaylock.....Assistant Professor  
of Social Work  
B.S.W., Oral Roberts University, 2011;  
M.S.W., University of Oklahoma, 2012.

Rachel Budavich.....Lecturer of Biology  
B.S., Oral Roberts University, 2004;  
M.A., Case Western Reserve, 2008.

William B. Collier.....Senior Professor of  
Chemistry  
B.S., Oral Roberts University, 1977;  
M.S., Oklahoma State University, 1981;  
Ph.D., 1983.

Prathibha Desman ...Assistant Professor of  
Chemistry  
B.Sc., University of Colombo, 2011;  
Ph.D., Kansas State University, 2020.

Tony Domeck.....Instructor of Fitness  
B.S., University of Idaho, 1986;  
M.B.A., Embry Riddle University, 1989.

Calvin H. Easterling.....Senior 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.

Tracy Farkas.....Assistant Professor  
of Psychology  
B.A., Oral Roberts University, 2002;  
M.Ed., University of Oklahoma, 2008;  
Ph.D. 2014.

Todd Farmer.....Professor of Sport  
Management  
B.S., George Fox University, 1986;  
M.S., Linfield University, 1993;  
Ed.D., University of Phoenix, 2007

Randall Feller.....Senior 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.....Senior Professor of  
Biology  
B.S., University of Poona, 1981;  
M.S., 1983;  
Ph.D., Indian Institute of Science, 1991.

Julianna Goelzer.....Assistant Professor of  
Biology  
B.S., Oral Roberts University, 2017;  
M.S., Boise State University, 2019;  
Ph.D., Boise State University, 2021.

Bill Gordon...Associate Professor of Physical  
Education  
B.S.E., John Brown University, 1982;  
M.Ed., University of Central  
Oklahoma, 1995;  
Ed.D., Oral Roberts University, 2004.

Elena G. Gregg.....Professor  
of Physics  
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  
B.S., Purdue University, 1985;  
M.S., 1986;  
Ph.D., University of California, 1992;  
P.E., 1995.

Jayne Ann Harder.....Associate Professor of  
Mathematics and Director of the  
Center of Academic Advising and Tutoring  
B.A. University of Oklahoma, 1991;  
M.A., University of Texas, 1995;  
Ph.D., 1999.

D.C.S., Colorado Technical University, 2020

Gwetheldene Holzmam.....Associate  
Professor of Science Education  
B.A., Malone College, 1976;  
M.A., Regent University, 1983;  
Ed.D., College of William and Mary, 1994.

Fritz Huber.....Associate Professor of Health  
and Exercise Science  
B.Ed., University of Toledo, 1978;  
M.S., University of Oklahoma, 1985;  
Ed.D., University of Northern  
Colorado, 1991.

Scarlet Jost.....Assistant Professor of  
Health and Exercise Science  
B.S., Illinois State University, 1975;  
M.S., Western Illinois University, 1982.

Catherine Klehm.....Senior Professor of  
Chemistry  
B.S., Oral Roberts University, 1990;  
M.Ed., Northeastern State University, 1992;  
Ed.D., Oklahoma State University, 2001.

John Korstad.....Senior Professor of Biology  
B.A., B.S., California Lutheran College, 1972;  
M.S., California State University, 1980;  
M.S., University of Michigan, 1979;

Ph.D., 1980.

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

Robert Leland.....Professor of Engineering  
B.S., Massachusetts Institute  
of Technology, 1978;  
M.S.E., University of California, 1982;  
Ph.D., 1988.

Sophie Xiao Fan Liu.....Professor of  
Engineering  
B.S., Sichuan University, 1982;  
M. Eng., Xidian University, 1992;  
Ph.D., National University of  
Singapore, 1997.

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

Xiaomin Ma.....Professor of Engineering  
B.S., Anhui University, 1984;  
M.S., Beijing University of Aerospace and  
Aeronautics, 1989;  
Ph.D. Beijing University of Posts and  
Telecommunications, 1999.

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

John Matsson.....Professor of Engineering  
and Chair of the School of Engineering  
M.S.E., Royal Institute of  
Technology, Sweden, 1988;  
L.E., 1991; Ph.D., 1994.

Pavel Navitski.....Associate Professor of  
Engineering  
B.S., Belarusian State Agricultural Academy,  
2004

M.S., Belarusian State Agricultural Academy,  
2005

Ph.D., Belarusian State Agricultural  
Academy, 2010

Philip Nelson.....Associate Professor of  
Psychology  
B.S., Oral Roberts University, 2010;  
M.A., Biola University, 2012.  
Ph.D., Biola, 2019

Brittany Oelze.....Assistant Professor of  
Social Work  
B.S.W., Oral Roberts University, 2008;  
M.S.W., Wichita State University, 2009.

J. Bryan Osborne.....Associate Professor of  
Computer Science and Director of the  
Computer Information Technology and  
Innovation Lab  
B.S., Arkansas State University, 1988;  
M.S., Texas Tech University, 1994.  
D.C.Sc., Colorado Technical University, 2020.

William P. Ranahan, II.....Associate

## Professor of Biology

B.S., Oral Roberts University, 2005;  
Ph.D., Indiana University, 2013.  
Hal Reed.....Senior Professor of Biology  
B.S., Oral Roberts University, 1975;  
M.S., Texas A&M University, 1978;  
Ph.D., Washington State University, 1982.  
Terry Shannon.....Associate Professor  
of Sports Management  
B.S., Southeastern Oklahoma  
State University, 1989;  
M.Ed., East Central University, 1995;  
Ph.D., Oklahoma State University, 2017.  
Connie Sjoberg.....Associate Professor  
of Psychology  
B.M.E., Oral Roberts University, 1977;  
M.S., Oklahoma State University, 1990;  
Ph.D., 1999.  
Glenn Smith.....Instructor of Health and  
Exercise Science  
B.S., Oklahoma State University, 1970;  
M.S., 1971.  
Aleksandra (Sasha) P. Turtova.....Lecturer of  
Mathematical Linguistics  
B.A., Continental Theological Seminary,  
1997;  
M.Ed., Regent University, 2002;  
M.B.A., Mid-America Christian University.  
Enrique Valderrama-Araya.....Associate  
Professor of Mathematics.  
B.S. Pontificia Universidad Catolica de Chile,  
2004.  
Ph.D. Pontificia Universidad Catolica de  
Chile, 2009.  
Celestino Velásquez...Associate Professor of  
Biology and  
Chair of Biology & Chemistry Department  
B.S., Oral Roberts University, 2013;  
Ph.D., University of Pittsburgh, 2017.  
Angela Watson.....Professor of Psychology;  
Chair of Health, Leisure and Sport Sciences;  
and Associate Dean of the College of  
Science and Engineering  
B.S.E., Arkansas State University, 1989;  
M.A., Oral Roberts University, 2006;  
Ph.D., Oklahoma State University, 2011.  
Kenneth M. Weed.....Senior Professor of  
Chemistry  
and Dean of the College of  
Science and Engineering  
B.S., Oral Roberts University, 1986;  
M.A., San Diego State University, 1991;  
Ph.D., University of California, 1993.  
Stephen Wheat.....Professor of Computer  
Science and Director of the High  
Performance Computing (HPC) Center  
B.S., University of Houston, 1982;  
M.S., 1983;  
Ph.D., University of New Mexico, 1992.  
M.E., Katholieke Universiteit Leuven, 1986;  
Ph.D., 1990.

Jan H. R. Woerner.....Assistant Professor of  
Computer Science and Director of the  
Empowered Edge Computing Lab (EEC)  
Dipl.-Ing. (M.S.), Technical University  
Bergakademie Freiberg, Saxony, Germany,  
2000;  
Dr. Eng. (D.C.S), Technical University of  
Karlsruhe, Germany, 2005University

**Library Faculty**

Myra Bloom .....Assistant Professor and  
Reference Librarian,  
Bibliographical Instruction  
B.A., Oral Roberts University, 1995;  
M.L.I.S., University of Oklahoma, 1998;  
M.A., Oral Roberts University, 1998.  
Dana L. Higeons .....Instructor and Head  
Cataloger/ Library Technical  
and Computer Services  
B.A., Phillips University, 1979;  
M.L.I.S., University of Oklahoma, 1992.  
Thad Horner .....Instructor, Digital  
Scholarship and Research Librarian,  
and Director, Digital Showcase  
B.A., Oral Roberts University, 2001;  
M.Div., Asbury Theological Seminary, 2005;  
M.L.I.S., Florida State University, 2010.  
Daniel Isgrigg .....Assistant Professor and  
Director, Holy Spirit Research Center  
B.A., Oral Roberts University, 2002;  
M.A., Oral Roberts University, 2007;  
M.A., Ph.D., Bangor University, 2019.  
Jane Malcolm.....Assistant Professor and  
Assistant Director, Library Public Services  
B.L.A., Oral Roberts University, 1978;  
M.L.S., Emporia State University, 1979.  
Mark E. Roberts.....Professor and Dean of  
Learning Resources, and Director  
of the Holy Spirit Research Center  
Diploma, Jackson College  
of Ministries, 1978;  
B.A., Mississippi College, 1982;  
M.A., Ohio State University, 1984;  
M.A., 1995,  
Ph.D., 2002, Vanderbilt University.  
Angela R. Sample.....Associate Professor,  
Head of Access Services,  
and Reference Librarian  
B.S., Drury University, 2005;  
M.A., University of Missouri, 2007;  
M.Ed., University of Missouri, 2009;  
Ph.D., University of Missouri, 2017.  
Sally Jo Shelton.....Associate Professor and  
Theological Librarian  
B.A., Oral Roberts University, 1971;  
M.L.I.S., University of Oklahoma, 1995;  
M.A., Oral Roberts University, 2004;  
Ph.D., Regent University, 2016.  
Mary Ann Walker....Instructor and Electronic  
Reference Librarian  
B.S., Lamar University, 1977;  
M.L.I.S., University of Oklahoma, 2002.

**Emeriti Faculty**

Dr. Lois Ablin	2000-2020
Dr. Dave R. Eland	1969-2012
Lanny R. Endicott	1974-2018
Dr. Ralph Fagin	1972-2012
Dr. Roger D. Hartman	1972-2013
Robert Kiel	1991-2017
Dr. C. Thomas Luiskutty	1980-2005
Dr. Hubert E. May	1967-1996
Dr. Nate Meleen	1967-2010
Dr. John Nelson	1971-2004
Dr. John E. Norvell, III	1976-1998
Dr. Kenneth Preston	1997-2017
Gary L. Ritzhaupt	1990-2015
Dr. Verbal Snook	1965-1997
Dr. Debra Olson Sowell	1975-2018
Dr. Robert C. Stewart	1996-2019
Dr. L. Duane Thurman	1967-1998
Dr. George X. Thyvelikakath	1977-2019
Nina Tucker	1989-2008
Dr. Larry D. Walker	1970-2007

## Behavioral Sciences Department

Randall Feller, Ph.D., Chair

**Mission Statement:** Through its programs, the Behavioral Sciences Department seeks to equip students to compete academically with any comparably educated student from any American college or university. This goal is reached, however, by teaching psychology, social justice, social work, and sociology from a distinctly Christian frame of reference. The department's official position is that to know something (e.g., a theory, system of beliefs, etc.) is not necessarily to adopt that knowledge as part of one's own value system. A lack of knowledge preempts one's right to challenge, refute, or otherwise deny any belief system with which one claims to disagree. Therefore, the department is committed to equip students to be knowledgeable as defined by the five professions (criminal justice, psychology, sociology, social work, and social justice) while providing a strong Christian framework with which to evaluate theories, techniques, and beliefs.

**Overview**

The Behavioral Sciences Department focuses on human behavior, social structure, and relationships in groups, organizations, and community life. The department offers majors and minors in these areas and has articulation agreements with Tulsa Community College and the University of Oklahoma Graduate School of Social Work for easier transferring to and from those schools and ORU.

The social work program at Oral Roberts University is a professional degree

program accredited by the Council on Social Work Education (CSWE).

### **General Education Courses**

The Behavioral Sciences Department contributes to the general education courses that all undergraduate students take. As part of the social science requirement of general education, the Behavioral Sciences Department offers five options for fulfilling the social science 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**

#### ***Criminal Justice (B.S.)***

Courses in criminal justice are focused on the issues of law, crime, law enforcement, corrections, and the criminal justice system. The Criminal Justice Major seeks to provide students with the knowledge, skills and critical thinking capabilities necessary for successful careers in the criminal justice field by providing them with an academically sound education in criminal justice and preparing them for leadership positions with municipal, state and federal agencies.

#### ***Psychology (B.A./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 Justice (B.A.)***

The social justice program will allow students to explore the complexity of social justice issues, identify the roots of inequality, be introduced to a broad range of social justice practices and strategies, prepare for advocacy and activism, and have opportunities for involvement in social justice related activities. Students will gain a deeper understanding of the possibilities and limitations of individual action in addressing social problems and the role of

collective action and coalition building. Students can begin to build the skills to become an effective advocate for creating a more just world.

#### ***Social Work (B.S.W.)***

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.

#### ***Sociology (B.A.)***

Sociology is the application of the scientific method to real-world problems in the social realm. The sociology major allows students to explore an understanding of people and society, including social problems, deviant behavior, families, gender, race and ethnicity, religion, culture and the life cycle. Sociologists are in demand for many interesting fields, such as college teaching and administration, demographic studies, forensics, criminal justice, ministry and epidemiology. The bachelor's degree program at Oral Roberts University will more than adequately prepare the student for graduate studies in sociology or a number of fields.

#### **Minors**

The Behavioral Sciences Department offers minors in criminal justice, psychology, sociology, and social justice.

### **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.

### **Clubs and Organizations**

The Social Work Club serves to raise awareness concerning the opportunities available in the professional field of social work and enhance the relationship, communication and cohesiveness of social work students on campus. The club re-organizes each year with new officers, elected by the membership body and involves itself in a variety of service learning activities.

Psi Chi Rho is the ORU psychology club and is one of the best ways for psychology majors, minors and those in psych classes to be informed of all the current events and issues facing the field of psychology. There are four meetings each semester with a wide variety of speakers. This club is a wonderful way to be involved within the department, to interact with professors and to connect with fellow students.

### **Awards**

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

- Outstanding Criminal Justice Major Senior Award: This recognizes the departments most worthy graduating senior.
- Outstanding Criminal Justice Senior Paper: This recognizes the department best senior research project.
- Outstanding Psychology Major Senior Award: This recognizes the department's most worthy graduating senior.
- Outstanding Social Justice 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 Sociology 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 Justice 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.
- Outstanding Sociology Senior Paper: This recognizes the department's best senior research project.

**Criminal Justice Major****Bachelor of Science**

<b>General Education</b>	Credit Hours
Intro to Whole Person Educ (GEN 150)	1
English (COMP 102, 303)	6
Foreign language	3
Oral Communication (COM 101)	3
Biblical Literature	4
Theology (THE 104 and 105)	4
Laboratory Science (lecture and lab)	8
Mathematics (MAT 232)	3
Civics	3
Humanities	6
Social Science Elective (PSY 201)	3
Scaffolding Interdisciplinary Courses	9
Health and Physical Education	4
<b>General Education Total</b>	<b>57</b>

**Major**

CJS 201	Introduction to Criminal Justice	3
CJS 220	Criminology	3
CJS 230	Police and Policing	3
CJS 305	Corrections	3
CJS 301	Criminal Procedure	3
CJS 310	Juvenile Justice System	3
CJS 329	Criminal Law	3
CJS 340	Diversity and Ethical Dilemmas in Criminal Justice	3
CJS 402	Research Methods	3
CJS 499	Senior Praxis	3
<b>Major Total</b>		<b>30</b>

**Cognate**

SOC 101	Introduction to Sociology	3
SWK 202	Introduction to Social Work	3
Choice of two of the following courses:		6
HONR 421	Principles of Leadership	
MGT 130	Principles of Management	
SOC 329	Social Deviancy and Social Control	
SOC 420	Minority Group Relations	
<b>Cognate Total</b>		<b>12</b>
Minor		18
Electives		3
<b>Degree Total</b>		<b>120</b>

**Psychology Major****Bachelor of Arts**

All psychology majors must take PSY 401 during the fall semester of their junior year, PSY 340 during the spring semester of their junior year, and PSY 499 during the fall semester of their senior year.

<b>General Education</b>	Credit Hours
Intro to Whole Person Educ (GEN 150)	1
English (COMP 102, 303)	6
Foreign language	6
Oral Communication (COM 101)	3

Biblical Literature	4
Theology (THE 104 and 105)	4
Laboratory Science (lecture and lab)	4
Mathematics (MAT 232)	3
Civics	3
Humanities	6
Social Science Elective <sup>1</sup>	3
Scaffolding Interdisciplinary Courses	9
Health and Physical Education	4
<b>General Education Total</b>	<b>56</b>

**Major**

PSY 201	Principles of Psychology	3
PSY 305	Physiological Psychology	3
PSY 322	Psychology of Learning & Motivation	3
PSY 340	Research Design and Analysis	3
PSY 354	History and Systems of Psychology	3
PSY 401	Experimental Psych. Lecture/Lab	3
PSY 499	Senior Paper	3
Choice of three of the following courses:		9
PSY 212	Social Psychology	
PSY 250	Behavior Management	
PSY 301	Developmental Psychology	
PSY 321	Psychology of Personality Development	
PSY 323	Psychology Assessment	
PSY 324	Cognitive Psychology	
PSY 338	Abnormal Psychology	
PSY 355	Child Psychology	
PSY 360	Industrial/Organizational Psychology	
PSY 411	Counseling Psychology I	
PSY 412	Counseling Psychology II	
PSY 423	Advanced Psychology Seminar	
<b>Major Total</b>		<b>30</b>
Minor		18
Electives		16
<b>Degree Total</b>		<b>120</b>

**Psychology Major****Bachelor of Science**

All psychology majors must take PSY 401 during the fall semester of their junior year, PSY 340 during the spring semester of their junior year, and PSY 499 during the fall semester of their senior year.

<b>General Education</b>	Credit Hours
Intro to Whole Person Educ (GEN 150)	1
English (COMP 102, 303)	6
Foreign language	3
Oral Communication (COM 101)	3
Biblical Literature	4
Theology (THE 104 and 105)	4
Laboratory Science (lecture and lab)	8
Mathematics (MAT 232)	3

Civics	3
Humanities	6
Social Science Elective <sup>1</sup>	3
Scaffolding Interdisciplinary Courses	9
Health and Physical Education	4

**General Education Total** 57

**Major**

PSY 201	Principles of Psychology	3
PSY 305	Physiological Psychology	3
PSY 322	Psychology of Learning & Motivation	3
PSY 340	Research Design and Analysis	3
PSY 354	History and Systems of Psychology	3
PSY 401	Experimental Psych. Lecture/Lab	3
PSY 499	Senior Paper	3
Choice of three of the following courses:		9
PSY 212	Social Psychology	
PSY 250	Behavior Management	
PSY 301	Developmental Psychology	
PSY 321	Psychology of Personality Development	
PSY 323	Psychology Assessment	
PSY 324	Cognitive Psychology	
PSY 338	Abnormal Psychology	
PSY 355	Child Psychology	
PSY 360	Industrial/Organizational Psychology	
PSY 411	Counseling Psychology I	
PSY 412	Counseling Psychology II	
PSY 423	Advanced Psychology Seminar	
<b>Major Total</b>		<b>30</b>
Minor		18
Electives		15
<b>Degree Total</b>		<b>120</b>

**Social Justice Major****Bachelor of Arts**

Students pursuing this major choose to complete either a nonprofit business minor, which is listed in the College of Business section of this catalog, or the prelaw minor, which is listed in the School of Communication & Public Affairs section of this catalog. It is recommended that SOJ students with a nonprofit business minor take FIN 244 and MGT 461 for their minor electives. It is recommended that SOJ students with a prelaw minor take GOV 453 and 457 for their minor electives.

<b>General Education</b>	Credit Hours
Intro to Whole Person Educ (GEN 150)	1
English (COMP 102, 303)	6
Foreign language	6
Oral Communication (COM 101)	3
Biblical Literature	4

<sup>1</sup> Choose from BUS 201; FIN 244; MUS 208; SOC 101, 201, 323; SWK 202.

Theology (THE 104 and 105)	4	<b>Major</b>	
Laboratory Science (lecture and lab)	4	SOC 101 Introduction to Sociology	3
Mathematics (MAT 232)	3	SOC 201 Marriage and the Family	3
Civics	3	SOC 212 Social Psychology	3
Humanities	6	SOC 302 Research Methods	3
Social Science Elective <sup>1</sup>	3	SOC 308 Cultural Anthropology	3
Scaffolding Interdisciplinary Courses	9	SOC 323 Child and the Family in the Social Context	3
Health and Physical Education	4	SOC 329 Social Deviancy and Social Control	3
General Education Total	56	SOC 420 Minority Relations	3
<b>Major</b>		SOC 499 Senior Paper	3
CHRM 307 Urban Outreach Ministries	3	Choose one of the following:	3
CHRM 335 Introduction to Evangelism	3	SOC 220 Criminology	
PSY 499 Senior Paper	3	SOC 440 Social Theory	
SOC 101 Introduction to Sociology	3	Major Total	30
SOC 308 Cultural Anthropology	3	<b>Cognate</b>	
SOC 329 Social Deviancy and Social Control	3	Choice of three from the following:	9
SOC 420 Minority Group Relations	3	BUS 201 Principles of Economics I	
SWK 202 Introduction to Social Work	3	GOV 311 International Relations	
SWK 303 Social Welfare Policy	3	GOV 452 Civil Liberties, Civil Rights and Social Justice	
SWK 310 Human Behavior in the Social Environment II	3	PSY 354 History and Systems of Psychology	
Major Total	30	PSY 360 Industrial/Organizational Psychology	
<b>Cognate</b>		Cognate Total	9
Choice of three from the following:	9	Minor	18
BUS 361 International Business		Electives	7
EVR 201 Global Development and Sustainability		Degree Total	120
GOV 311 International Relations		<b>Social Work Major</b>	
GOV 452 Civil Liberties, Civil Rights, and Social Justice		<b>Bachelor of Social Work</b>	
SOC 220 Criminology		The mission of the social work	
SWK 381 Child Welfare		program is to prepare students with a	
Cognate Total	9	strong Christian grounding to enter entry-	
Minor	18	level social work practice, in a variety of	
Electives	7	social work settings, on the baccalaureate	
Degree Total	120	(BSW) level and prepare for pursuit of	
<b>Sociology Major</b>		graduate education in social work (MSW).	
<b>Bachelor of Arts</b>		The goals of the program are to	
<b>General Education</b>	Credit Hours	develop students grounded in the Christian	
Intro to Whole Person Educ (GEN 150)	1	faith who are prepared academically and	
English (COMP 102, 303)	6	with practice skills for entry-level	
Foreign language	6	professional social work practice, in a	
Oral Communication (COM 101)	3	variety of settings, as generalist social	
Biblical Literature	4	workers; who meet entry qualifications for	
Theology (THE 104 and 105)	4	graduate social work education and who	
Laboratory Science (lecture and lab)	4	are qualified to apply for licensure on the	
Mathematics (MAT 232)	3	baccalaureate level in states with licensure	
Civics	3	laws.	
Humanities	6	The program, in keeping with the	
Social Science (PSY 201)	3	Council on Social Work Education's (CSWE)	
Scaffolding Interdisciplinary Courses	9	focus on competency-based education,	
Health and Physical Education	4	prepares students to demonstrate the	
General Education Total	56	following competencies:	

### 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.

### 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.

### Apply critical thinking to inform and communicate professional judgments.

Social workers are knowledgeable about the principles of logic, scientific inquiry, and reasoned discernment. They use critical thinking augmented by creativity and curiosity. Critical thinking also requires the synthesis and communication of relevant information.

### Engage diversity and difference in practice.

Social workers understand how diversity characterizes and shapes the human experience and is critical to the formation of identity. The dimensions of diversity are understood as the intersectionality of multiple factors including age, class, color, culture, disability, ethnicity, gender, gender identity and expression, immigration status, political ideology, race, religion, sex, and sexual orientation. Social workers appreciate that, as a consequence of difference, a person's life experiences may include oppression, poverty, marginalization, and alienation as well as privilege, power, and acclaim.

### 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.

### Engage in research-informed practice and practice-informed research.

Social workers use practice experience to inform research, employ evidence-based interventions, evaluate their own practice,

<sup>1</sup> Choose from BUS 201; FIN 244; MUS 208; PSY 201; SOC 201, 323.

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.

**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.

**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.

**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.

**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.

**Integrate a personal Christian Worldview with professional social work values, ethics, and practice.**<sup>1</sup> 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.

***Social Work Program Policies***

The social work program at Oral Roberts University is a professional degree program accredited by the Council on Social Work Education (CSWE). The following information presents policies and procedures of the program. These policies; the degree plan sheet; the program's mission, goals, and competencies; and a copy of the Educational Policy and Accreditation Standards of 2008 (EPAS) are provided to all students.

**Application Procedure**

**First Stage: Applying for the Social Work major:**

Students wanting to be admitted to the social work program need to do the following:

- Complete SWK 202 Introduction to Social Work.
- Submit a completed application form to the program director.
- Be interviewed by a faculty member in the program.
- Have a current accumulative GPA of at least 2.25.
- 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:

- Prove senior status.
- 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.
- Be interviewed by a field coordinator regarding field placement preferences and practicum fit.

- 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 445 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 a 2.50 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 Principles of Biology Lecture, BIO 101L Principles of Biology Lab, 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:

- The program faculty meet together to discuss the student in question.
- The student is brought before the faculty or faculty designee (appointed by the director) to discuss concerns and devise a plan for remediation.
- Progress is carefully monitored.

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.

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*1 Unlike the first 10 competencies, which are from the CSWE, the 11th competency is unique to ORU's social work program.*

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.

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**

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.

Students have the right to form their own organization.

Students have the right to express grievances and make appeal within the social work program.

Students have the responsibility to pursue excellence in their academic and social work career development.

Students have the responsibility to act ethically and follow the NASW Code of Ethics and the Honor Code Pledge of the university.

Students have the responsibility to behave professionally, as beginning social workers would.

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:

If the grievance pertains to a grade the student received in a course, the student should complete the Petition for Grade Change (letter grade to letter grade) (available online at <http://petitions.oru.edu>) stating reasons for the requested change. These requests must be approved by the individual faculty member 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 department chair and Behavioral Sciences chair and, if necessary, the dean of the College of Science and Engineering. The dean's ruling is final.

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.

<b><u>General Education</u></b>	<b>Credit Hours</b>
Intro to Whole Person Educ (GEN 150)	1
English (COMP 102)	3
Foreign language <sup>1</sup>	6
Oral Communication (COM 101)	3
Biblical Literature	4
Theology (THE 104 and 105)	4
Biological Science (BIO 101 and BIO 101L) <sup>2</sup>	4
Mathematics (MAT 232) <sup>2</sup>	3
Civics	3
Humanities	6
Social Science (BUS 201) <sup>2</sup>	3
Scaffolding Interdisciplinary Course	3
Health and Physical Education	4
<b>General Education Total</b>	<b>47</b>

#### **Major**

SWK 202	Introduction to Social Work	3
SWK 302	Research Methods	3
SWK 303	Social Welfare Policy	3
SWK 309	Human Behavior in the Social Environment I	3
SWK 310	Human Behavior in the Social Environment II	3
SWK 331	Social Work Practice I	3
SWK 332	Social Work Practice II	3
SWK 333	Social Work Practice III	3
SWK 341	Junior Practicum I	2
SWK 342	Junior Practicum II	2
SWK 404	Social Work Practice IV	2
SWK 405	Senior Seminar	2
SWK 420	Minority Group Relations	3
SWK 445	Senior Practicum	12

SWK 499	Senior Research Paper	3
	<b>Major Total</b>	<b>50</b>

#### **Cognate<sup>3</sup>**

PSY 201	Principles of Psychology	3
SOC 101	Introduction to Sociology	3
WRT 430	Grant Writing	3
PSY/SOC/SWK Elective <sup>4</sup>		3
	<b>Cognate Total</b>	<b>12</b>
	<b>Electives</b>	<b>11</b>
	<b>Degree Total</b>	<b>120</b>

#### **Criminal Justice Minor**

CJS 201	Introduction to Criminal Justice	3
	Choice of five (5) of the following:	15
CJS 220	Criminology	
CJS 230	Police and Policing	
CJS 301	Criminal Procedure	
CJS 305	Corrections	
CJS 310	Juvenile Justice System	
CJS 329	Criminal Law	
CJS 340	Diversity and Ethical Dilemmas in Criminal Justice	
CJS 402	Research Methods	
	<b>Minor Total</b>	<b>18</b>

#### **Psychology Minor**

PSY 201	Principles of Psychology	3
	Choice of five from the following:	15
PSY 212	Social Psychology	
PSY 250	Behavior Management	
PSY 301	Developmental Psychology	
PSY 305	Physiological Psychology	
PSY 321	Psychology of Personality Development	
PSY 322	Psychology of Learning	
PSY 323	Psychological Assessment	
PSY 324	Cognitive Psychology	
PSY 338	Psychology of Abnormal Behavior	
PSY 340	Research Design and Analysis	
PSY 354	History and Systems of Psychology	
PSY 355	Child Psychology	
PSY 360	Industrial and Organizational Psychology	
PSY 401	Experimental Psychology Lecture and Lab	
PSY 411	Counseling Psychology I	
PSY 412	Counseling Psychology II	
PSY 423	Advanced Psychology Seminar	
	<b>Minor Total</b>	<b>18</b>

<sup>1</sup> Students may choose to enroll in an additional lab science course instead of completing a second language class.

<sup>2</sup> Course must be completed with a grade of "C" or higher.

<sup>3</sup> A grade of "C" or higher is required for cognate courses in the Social Work major.

<sup>4</sup> SWK 381 Child Welfare is required for students accepted into the Title IV-E Child Welfare Program.

### **Sociology Minor**

A minor in sociology can assist any student, regardless of the major program, to gain 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 is a logical choice to complement any major program offered by Oral Roberts University. Many graduate programs in sociology do not specify an undergraduate major as a requirement for admission; therefore, a minor in sociology, with a proper selection of courses, should prepare the aspiring professional sociologist for admission to most graduate programs.

SOC 101	Introduction to Sociology	3
Choice of five of the following courses:		15
SOC 201	Marriage and the Family	
SOC 212	Social Psychology	
SOC 300	Group Dynamics	
SOC 302	Research Methods	
SOC 308	Cultural Anthropology	
SOC 323	Child and Family in the Social Context	
SOC 329	Social Deviancy/Social Control	
SOC 420	Minority Group Relations	
Minor Total		18

### **Social Justice Minor**

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 in depth examination of social justice and its socio-economic, cultural, political, and spiritual ramifications.

Studying the issues of poverty, racism, discrimination, and oppression, especially in 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 <sup>1</sup>	3
Choice of one of the following three courses:		3
SOC 308	Cultural Anthropology	
SOC 329	Social Deviancy/Social Control	
SWK 381	Child Welfare	
Minor Total		18

### **Departmental Courses**

#### ***Criminal Justice***

CJS 201	Introduction to Criminal Justice
CJS 220	Criminology
CJS 230	Police and Policing
CJS 301	Criminal Procedure
CJS 305	Corrections
CJS 310	Juvenile Justice
CJS 329	Criminal Law
CJS 340	Diversity and Ethical Dilemmas
CJS 402	Research Methods
CJS 450	Directed Study
CJS 461	Honors Research
CJS 499	Senior Praxis

#### ***General Education***

GEN 304	Health Psychology
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#### ***Psychology***

PSY 201	Principles of Psychology
PSY 212	Social Psychology
PSY 250	Behavior Management
PSY 301	Developmental Psychology
PSY 304	Health Psychology
PSY 305	Physiological Psychology
PSY 321	Psychology of Personality Development
PSY 322	Psychology of Learning and Motivation
PSY 323	Psychological Assessment
PSY 324	Cognitive Psychology
PSY 338	Psychology of Abnormal Behavior
PSY 340	Research Design and Analysis
PSY 354	History and Systems of Psychology
PSY 355	Child Psychology
PSY 360	Industrial & Organizational Psychology
PSY 401	Experimental Psychology Lecture and Lab
PSY 411	Counseling Psychology I
PSY 412	Counseling Psychology II
PSY 423	Advanced Psychology Seminar
PSY 450	Directed Study
PSY 451	Senior Internship
PSY 461	Honors Research
PSY 498	Senior Paper Foundations
PSY 499	Senior Paper
PSY 999	Psychology Elective

#### ***Sociology***

SOC 101	Introduction to Sociology
SOC 201	Marriage and the Family
SOC 212	Social Psychology
SOC 220	Criminology
SOC 300	Group Dynamics
SOC 302	Research Methods
SOC 308	Cultural Anthropology
SOC 323	Child and Family in the Social Context
SOC 329	Social Deviancy and Social Control

SOC 420	Minority Group Relations
SOC 440	Social Theory
SOC 450	Directed Study
SOC 461	Honors Research
SOC 499	Senior Paper
SOC 999	Sociology Elective

#### ***Social Work***

SWK 202	Introduction to Social Work
SWK 302	Research Methods
SWK 303	Social Welfare Policy
SWK 309	Human Behavior in the Social Environment I
SWK 310	Human Behavior in the Social Environment II
SWK 331	Social Work Practice I
SWK 332	Social Work Practice II
SWK 333	Social Work Practice III
SWK 341	Junior Practicum I
SWK 342	Junior Practicum II
SWK 380	Aging Processes
SWK 381	Child Welfare
SWK 382	Social Services in Health Care
SWK 383	Family Dynamics
SWK 404	Social Work Practice IV
SWK 405	Senior Seminar
SWK 420	Minority Group Relations
SWK 445	Senior Practicum
SWK 450	Directed Study
SWK 461	Honors Research
SWK 499	Senior Research Paper
SWK 999	Social Work Elective

### **Biology and Chemistry Department**

Celestino Velásquez, Ph.D., Chair

**Mission Statement:** The biology and chemistry department at ORU stimulates students to acquire a working knowledge of biological systems to be able to address biological challenges that affect their daily lives. The program integrates biblical faith with the study of the biological sciences providing educationally and biblically sound perspective enabling students to interact with, understand and positively respond to scientific challenges. At ORU a vocation in biology is seen as a God-ordained calling into the study of the wonders of HIS creation.

#### **Overview**

The vision of the Biology and Chemistry Department is to provide a curriculum and educational environment that encourages professional competence, coupled with Christian faith and practice, to help enable students to hear God's voice and to take His healing power into the world. Students must learn to understand and live in harmony with creation in order to maintain a sustainable quality of life

<sup>1</sup> A service project.

acceptable now and in the future. Concerns about the continued misuse of the environment are being addressed more strongly than ever, and students must learn to understand, interact with, and respond positively to those concerns.

### **Departmental Outcomes**

A graduate from the Biology and Chemistry Department should be able to do the following:

- Use scientific knowledge and the power of the Holy Spirit to make professional decisions consistent with Biblical principles.
- Analyze problems using a working knowledge of scientific concepts to offer beneficial solutions.
- Exhibit competency in researching literature and use of information to effectively analyze and interpret data.
- Write and speak effectively using the language, concepts, and models of science including evidence of God within the natural realm.
- Relate to the university and the world through the use of professional competencies to provide service and healing.

### **Degree Programs**

The Biology and Chemistry Department offers courses of study leading to the Bachelor of Science degree with majors in biology, chemistry, biomedical chemistry, environmental sustainability, medical molecular biology, and medical technology. The biology, biomedical chemistry, environmental sustainability, medical molecular biology, medical technology, 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.

### **Pre-Professional Health Programs**

Pre-health professional students, including pre-medicine, pre-dentistry, and others, should consider 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 pre-health professional route.

Pre-health professional programs provide a balanced liberal arts education with strengths in the sciences and the humanities. Any major can be adapted to a pre-health professional program by including the following courses: (1) MAT 106 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 pre-health 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 pre-health 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 pre-health professional advisors to tailor the pre-health professional program directly to address specific applications.

### **Premedicine**

Both the biology major and the biomedical chemistry major offer a pre-medicine concentration. However, students interested in the premedical program at ORU can also major in chemistry, psychology, or any field of their choosing. Electives should be chosen in consultation with an advisor.

### **Pre-dentistry**

Students interested in preparing for dental school should major in biology, biomedical chemistry, chemistry, psychology, health exercise science, or another major with electives chosen to fulfill the unique requirements of the desired schools of dentistry.

A two-year recommended program is designed to meet the common

prerequisites for most professional schools in dental hygiene. Advice is available from the department.

### **Prepharmacy**

The minimum prerequisites for admission to a pharmacy college can usually be completed in three years. However, most of the successful pre-pharmacy applicants in recent years have had four years or more of preparatory training. While the pre-pharmacy program follows a similar schedule to both pre-medicine and pre-dentistry (such as majoring in biology, 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 pre-pharmacy program to work closely with pre-health 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 pre-veterinary applicants in recent years have had four years or more of preparatory training. Therefore, the Biology and Chemistry Department recommends pre-veterinary students complete a four-year degree program with a major in biology or biomedical chemistry. It is particularly important for students following the pre-veterinary program to work closely with ORU faculty serving as pre-health 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, human anatomy, and human physiology. Unlike medical schools, requirements and prerequisites for allied health careers vary among programs and schools. Anyone planning a career in one of these fields should consult with a pre-health professional advisor in the Biology and Chemistry Department to develop a specific

undergraduate curriculum to successfully meet their goals.

## **Majors**

### ***Biology (B.S.)***

The biology major offers an optional concentration in health professions. The biology major is designed to provide a broad understanding of the principles of life giving processes at molecular, cellular, organismal and ecological levels. This major prepares students to pursue a career in graduate studies, work as a laboratory assistant in clinics, industry or academia.

### ***Chemistry (B.S.)***

The chemistry major is designed to provide (1) a working knowledge of chemical concepts; (2) state-of-the-art training for graduate school or immediate employment; (3) opportunity to broaden a student's skill by learning the concepts of chemistry; and (4) opportunities to work in chemical companies and industrial research.

### ***Biomedical Chemistry (B.S.)***

The biomedical chemistry major offers an optional concentration in pre-medicine. Students selecting to major in biomedical chemistry must minor in biology.

### ***Global Environmental Sustainability (B.S.)***

The Bachelor of Science degree with a major in global 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, so it is recommended that in this degree, students also pursue a minor in general or nonprofit business, social justice, chemistry, or missions; however, other options are available. This degree prepares students to seek graduate degrees in related specialties.

### ***Medical Molecular Biology (B.S.)***

Students completing this program will obtain a B.S. in Medical Molecular Biology and minor in biochemistry. The major has a challenging curriculum that includes general biology, medical molecular biology, biochemistry, and psychology which is primarily designed to equip students to be competitive applicants as they pursue post-baccalaureate degree in medicine (M.D./D.O.). Students seeking an emphasis in pre-medicine should select BIO 311 Medical Genetics and BIO 411 Molecular Cell Biology as two of their major electives. Given the emphasis on human health, the

major could also benefit students planning to enter other professional schools such as pharmacy, dental, physician assistant, optometry and graduate studies.

### ***Medical Technology (B.S.)***

The medical technology major provides students an opportunity to study basic sciences at ORU for three years and then spend one year training with professionals in the St. Francis Hospital School of Medical Technology. Along with the required minor in biochemistry, the medical technology major prepares students to pursue professional careers in medical technology.

## **Minors**

Minors are offered in biology, biochemistry, chemistry, and Global Environmental Sustainability.

## **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.

### ***Medicine***

Oral Roberts University has established an agreement with the Oklahoma State University, Center for Health Sciences and Liberty University College of Osteopathic Medicine that provides ORU students with a special opportunity to be admitted into their Doctor of Osteopathic Medicine program. This "guaranteed interview" program grants conditional admission to their medical school program provided ORU students perform well academically in core science courses, earn a high overall GPA and score at about the national level of the Medical College Admission Test (MCAT). Once these criteria have been met, the applicant will then be accepted upon satisfactory evaluations of the applicant's file and the interview process.

### ***Nutritional Sciences***

ORU has an articulation agreement with the University of Oklahoma-Tulsa (OU-Tulsa) for earning a Bachelor of Science degree in nutritional sciences. This program provides an opportunity for area students to complete a bachelor's degree in nutritional sciences in Tulsa. The first 60 hours, which includes general education and science courses, are taken at ORU and the remainder of the degree at OU-Tulsa. Information is available in the ORU Biology and Chemistry Department and at OU-Tulsa.

## **Communication Sciences and Disorders**

ORU has an articulation agreement with the University of Oklahoma-Tulsa (OU-Tulsa) for earning a Bachelor of Science degree in communication sciences and disorders. This program provides an opportunity for area students to complete a bachelor's degree in communication sciences and disorders in Tulsa. The first 60 hours, which includes general education and science courses, are taken at ORU and the remainder of the degree at OU-Tulsa. Information is available in the ORU Office of Pre-Health Professional Advisement and at OU-Tulsa.

### ***Radiologic Technology***

ORU has an articulation agreement with the University of Oklahoma-Tulsa (OU-Tulsa) for earning a Bachelor of Science degree in radiologic technology. This program provides an opportunity for area students to complete a bachelor's degree in radiologic technology in Tulsa. The first 60 hours, which includes general education and science courses, are taken at ORU and the remainder of the degree at OU-Tulsa. Information is available in the ORU Biology and Chemistry Department and at OU-Tulsa.

## **Special Opportunities**

The Biology and Chemistry Department has arranged opportunities for student internships with the Oklahoma Aquarium in Tulsa and with local institutions as part of the Tulsa Area Bioscience Education and Research Consortium (TABERC). The department also works with students in developing or applying for internships that are tailored to their interests.

Students desiring a hands-on environmental learning experience have the opportunity to attend Au Sable Institute in northern Michigan to complete some course requirements that are normally met at ORU. Courses are designed to prepare students for work or further study in environmental endeavors. Any ORU student who meets the course prerequisites may take these courses, but the opportunity is of particular value to students majoring in global environmental Sustainability. The Michigan campus is surrounded by many lakes, rivers, and other natural areas. Satellite campuses are located in Washington, Florida, and India. Scholarships are available.

## **Clubs and Organizations**

Tri-Beta Honor Society assists students interested in biological topics an opportunity to focus on scientific research. There are two national conventions each

year and the publication of BIOS, a scholarly journal that includes student research. The Mu Kappa chapter at ORU participates in monthly meetings and community service projects.

The ORU student affiliate chapter of the American Chemical Society (ACS) meets regularly to focus scholarly attention on relevant issues in chemistry. Student affiliates have the opportunity to present research during local, statewide, regional, or national meetings of ACS.

Alpha Epsilon Delta National Society provides additional opportunities for professional development for all pre-health profession majors with scholarly achievement. These opportunities increase student awareness of issues important to the process of application and acceptance into advanced health professional programs. Opportunities include attendance in medical seminars, cadaver dissection, job shadowing, mission experiences, and volunteer opportunities at the Good Samaritan Health Clinic.

The Minority Association of Premedical Students (MAPS) is a nationally-recognized club for minorities interested in pursuing a career in medicine or other health-related professions.

Iota Sigma Pi is a national honors society of women in chemistry.

### **Awards and Scholarships**

In recognition of scholarship, leadership, and ORU lifestyle commitment, the Biology and Chemistry Department annually honors outstanding students by presenting the following awards.

**Outstanding Major Award.** This award recognizes the outstanding graduating senior in each major.

**Outstanding Biology and Chemistry Student Award.** This awards the outstanding graduating senior in Biology and Chemistry.

**Outstanding Senior Paper.** This award recognizes the outstanding senior research paper from each major in the Biology and Chemistry Department.

**Outstanding Biology and Chemistry Student Service Award.** This award recognizes the graduating senior who has offered the most service to the department.

**James Wilkes Pugh Memorial Scholarship.** This fund is designated for students majoring in the natural sciences, primarily for those who live in the Ozark

regions of Missouri, Arkansas, and Oklahoma, but students from other regions may apply.

Muccio Endowed Scholarship Fund.

This fund is designed for outstanding premedical students who demonstrate financial need and have a strong desire to serve in medical missions.

### **Biology Major**

#### **Bachelor of Science**

<b>General Education</b>	Credit Hours
Intro to Whole Person Educ (GEN 150)	1
English (COMP 102, 303)	6
Foreign language	3
Oral Communication (COM 101)	3
Biblical Literature	4
Theology (THE 104 and 105)	4
Laboratory Science (lecture and lab) <sup>1</sup>	8
Mathematics (MAT 232)	3
Civics	3
Humanities	6
Social Science Elective	3
Scaffolding Interdisciplinary Courses <sup>2</sup>	9
Health and Physical Education	4
<b>General Education Total</b>	<b>57</b>

#### **Major**

BIO 105	Essentials of Biology	1
BIO 111	Introductory Biology I (lecture & lab)	4
BIO 112	Introductory Biology II (lecture & lab)	4
BIO 209	Methods in Biotechnology	1
BIO 312	Human Ecology (lecture & lab) <sup>3</sup>	4
BIO 372	Introduction to Biological Research	1
BIO 451	Biology Seminar	1
BIO 499	Research and Senior Paper	3
Choice of five of the following courses: <sup>4</sup>		20
BIO 310	Microbiology (lecture & lab)	
BIO 311	Medical Genetics (lecture & lab)*	
BIO 410	Medical Parasitology (lecture & lab)	
BIO 411	Molecular Cell Biology (lecture & lab)*	
BIO 420	Molecular Virology (lecture & lab)	
BIO 431	Developmental Biology (lecture & lab)	
BIO 454	Special Topics (must be a lecture & lab; maximum one course)	
BIO 457	Principles of Immunology (lecture & lab)	

<sup>1</sup> PHY 101 lecture and lab and PHY 102 lecture and lab.

<sup>2</sup> One course must be GEN 356.

<sup>3</sup> May be replaced by BIO 458 Marine Ecology or AUS courses.

<sup>4</sup> Students pursuing the Health Professions Concentration only choose four courses for a total of 16 credit hours and one course must be one with a \* marking.

<sup>5</sup> Recommended electives include MAT 202 (pre-requisite of MAT 201); CHE 300, 400,

Major Total 35-39

### **Biology Cognate (no concentration)**

CHE 111	General Chemistry I (lecture & lab)	4
CHE 112	General Chemistry II (lecture & lab)	4
CHE 211	Organic Chemistry I (lecture & lab)	4
CHE 212	Organic Chemistry II (lecture & lab)	4
<b>Cognate Total</b>		<b>16</b>
<b>Electives<sup>5</sup></b>		<b>8</b>
<b>Degree Total</b>		<b>120</b>

### **Health Professions Concentration**

Students may use their elective hours for a concentration in health professions. Students desiring to prepare for health professions such as optometry, medical technology, physician assistant, pharmacy, physical therapy, or occupational therapy must select the following courses in place of electives to complete

BIO 200	Human Cadaver Dissection	1
BIO 259	Medical Terminology	2
PHP 100	Pre-Health Seminar	0.5
PHP 300	Pre-Health Seminar II	0.5
PHS 223	Human Anatomy (lec. & lab)	4
PHS 224	Human Physiology (lecture & lab)	4
<b>Concentration Total</b>		<b>12</b>

### **Health Professions Cognate**

CHE 111	General Chemistry I (lecture & lab)	4
CHE 112	General Chemistry II (lecture & lab)	4
CHE 211	Organic Chemistry I (lecture & lab)	4
CHE 212	Organic Chemistry II (lecture & lab)	4
<b>Cognate Total</b>		<b>16</b>
<b>Degree Total w/ Health Professions Conc.</b>		<b>120</b>

### **Biomedical Chemistry Major**

#### **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

454, 457, PHS 223, 224, BIO 200, and any upper-division biology course. One or two years of foreign language should be included by students who plan to pursue an advanced degree in biology.

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.

<b>General Education</b>		Credit Hours
Intro to Whole Person Educ (GEN 150)		1
English (COMP 102, 303)		6
Foreign language		3
Oral Communication (COM 101)		3
Biblical Literature		4
Theology (THE 104 and 105)		4
Laboratory Science (lecture and lab) <sup>1</sup>		8
Mathematics (CHE 300)		4
Civics		3
Humanities		6
Social Science Elective (PSY 201)		3
Scaffolding Interdisciplinary Courses <sup>2</sup>		3
Health and Physical Education		4
General Education Total		52

### Major

CHE 211	Organic Chemistry I (lecture & lab)	4
CHE 212	Organic Chemistry II (lecture & lab)	4
CHE 303	Physical Chemistry I (lecture & lab)	4
CHE 400	Chemical Inst. (lecture & lab)	4
CHE 449	Chemistry Research	1
CHE 452	Seminar	1
CHE 499	Individual Research & Senior Paper	3
Choice of two of the following courses:		6
CHE 458	Internship	
CHE 459	Biochemistry Lecture	
CHE 475	Biochemistry II-Oncological Chemistry	
Choice of one of the following courses:		3
CHE 304	Physical Chemistry II	
CHE 456	Inorganic Chemistry	
CHE 471	Structure and Bonding	
Major Total		30

### Cognate

BIO 105	Essentials of Biology	1
BIO 111	Introductory Biology I (lecture & lab)	4
BIO 112	Introductory Biology II (lecture & lab)	4
BIO 209	Methods in Biotechnology	1
MAT 201	Calculus I	4
MAT 202	Calculus II	4
PHP 100	Pre-health Seminar	0.5
PHP 300	Pre-Health Seminar II	0.5
PHY 101	General Physics I (lecture & lab)	4
Cognate Total		42
Degree Total		124

### Chemistry Major

#### Bachelor of Science

<b>General Education</b>		Credit Hours
Intro to Whole Person Educ (GEN 150)		1
English (COMP 102, 303)		6
Foreign language		3
Oral Communication (COM 101)		3
Biblical Literature		4
Theology (THE 104 and 105)		4
Laboratory Science (lecture and lab) <sup>4</sup>		8
Mathematics (CHE 300)		4
Civics		3
Humanities		6
Social Science Elective		3
Scaffolding Interdisciplinary Courses <sup>5</sup>		9
Health and Physical Education		4
General Education Total		58

### Major

CHE 211	Organic Chemistry I (lecture & lab)	4
CHE 212	Organic Chemistry II (lecture & lab)	4
CHE 303	Physical Chemistry I (lecture & lab)	4
CHE 304	Physical Chemistry II Lecture	3
CHE 400	Chemical Inst. (lecture and lab)	4
CHE 449	Chemistry Research	1

CHE 452	Seminar	1
CHE 456	Inorganic Chemistry	3
CHE 499	Individual Research & Senior Paper	3
Choice of two of the following courses:		6
CHE 459	Biochemistry Lecture	
CHE 473	Medicinal Chemistry	
CHE 475	Biochemistry II-Oncological Chemistry	
Major Total		33

### Cognate

MAT 202	Calculus II	4
MAT 211	Differential Equations	3
CSC 111	Introduction to Computing	3
Choice of one of the following:		8
PHY 101/102	General Physics I and II (lecture and lab) OR	
PHY 111/112	Physics I and II (lecture and lab)	
Cognate Total		18
Electives Total		11
Degree Total		120

### Global Environmental Sustainability

#### Major

#### Bachelor of Science

<b>General Education</b>		Credit Hours
Intro to Whole Person Educ (GEN 150)		1
English (COMP 102, 303)		6
Foreign language		3
Oral Communication (COM 101)		3
Biblical Literature		4
Theology (THE 104 and 105)		4
Laboratory Science (lecture and lab) <sup>6</sup>		8
Mathematics (MAT 232)		3
Civics		3
Humanities		6
Social Science Elective		3
Scaffolding Interdisciplinary Courses <sup>7</sup>		9
Health and Physical Education		4
General Education Total		57

### Major

BIO 312	Human Ecology (lec. and lab)	4
EVR 380	Environmental Sustainability Intern.	3
EVR 390	Environmental Research	1
EVR 451	Environmental Seminar	1
EVR 499	Senior Paper	3
Choice of any 100/200 level science lecture/lab:		4
(BIO 111, BIO 112, BIO 212, CHE 111, CHE 112, PHS 223 or PHS 224)		
Choice of two of the following with corresponding lab:		8

<sup>1</sup> CHE 111 lecture and lab and CHE 112 lecture and lab.

<sup>2</sup> Choose from GEN 415 or HONR 412.

<sup>3</sup> May be replaced by a field biology course.

<sup>4</sup> CHE 111 lecture and lab and CHE 112 lecture and lab.

<sup>5</sup> GEN 415 or HONR 412 required for 3 of the 9 required hours.

<sup>6</sup> BIO 150 lecture and lab and EVR 250 lecture and lab required.

<sup>7</sup> Requires GEN 356 as three of the nine required hours.

BIO 104	Tropical Biology	
BIO 410	Medical Parasitology	
BIO 454/AUS 454	Conservation Biology	
AUS 301	Land Resources	
AUS 302	Lake Ecology and Management	
AUS 303	Ecological Agriculture	
AUS 310	Environmental Law and Policy	
AUS 332	Environmental Chemistry	
AUS 343	Tropical Agriculture & Missions	
AUS 345	Wildlife Ecology	
AUS 355	Watershed Stewardship	
AUS 362	Environmental Applications in GIS	
AUS 367	Conservation and Development In the Indian Tropics	
AUS 482	Restoration Ecology	
Major Total		24

**Cognate**

Choose one course from each of the following subject areas:	12
BUS, GOV, IS and SWK, SOC, JRN	

Cognate Total 12

Minor<sup>1</sup> and/or Electives<sup>2</sup> 27

Degree Total 120

**Medical Molecular Major****Bachelor of Science**

<b>General Education</b>	Credit Hours
Intro to Whole Person Educ (GEN 150)	1
English (COMP 102, 303)	6
Foreign language	3
Oral Communication (COM 101)	3
Biblical Literature	4
Theology (THE 104 and 105)	4
Laboratory Science (lecture and lab) <sup>3</sup>	8
Mathematics (MAT 232)	3
Civics	3
Humanities	6
Social Science Elective <sup>4</sup>	3
Scaffolding Interdisciplinary Course (GEN 356)	3
Health and Physical Education	4
General Education Total	51

**Major**

BIO 105	Essentials of Biology	1
BIO 111	Introductory Biology I (lecture & lab)	4
BIO 112	Introductory Biology II (lecture & lab)	4
BIO 209	Methods in Biotechnology	1

BIO 372	Intro. to Biological Research	1
BIO 451	Biology Seminar	1
BIO 499	Research and Senior Paper	3
PHP 100	Pre-health Seminar	0.5
PHP 300	Pre-Health Seminar II	0.5
Choice of five of the following courses:		20
BIO 310	Microbiology (lecture & lab) <sup>5</sup>	
BIO 311	Medical Genetics (lecture and lab) <sup>5</sup>	
BIO 312	Human Ecology (lecture and lab)	
BIO 410	Medical Parasitology (lecture and lab)	
BIO 411	Molecular Cell Biology (lecture and lab) <sup>5</sup>	
BIO 420	Molecular Virology (lecture & lab)	
BIO 431	Developmental Biology (lecture and lab)	
BIO 454	Special Topics (lecture and lab) <sup>6</sup>	
BIO 457	Principles of Immunology (lecture and lab)	
Major Total		36

**Cognate**

PHS 224	Human Physiology (lecture)	3
PSY 301	Developmental Psychology	3
PSY 305	Physiological Psychology	3
PSY 338	Psychology of Abnormal Psychology	3
PSY	Psychology Elective	3
Cognate Total		15
Biomedical Chemistry Minor		20
Degree Total		122

**Medical Technology Major****Bachelor of Science**

<b>General Education</b>	Credit Hours
Intro to Whole Person Educ (GEN 150)	1
English (COMP 102, 303)	6
Foreign language	3
Oral Communication (COM 101)	3
Biblical Literature	4
Theology (THE 104 and 105)	4
Laboratory Science (lecture and lab) <sup>7</sup>	9
Mathematics (MAT 232)	3
Civics	3
Humanities	6
Social Science Elective	3
Scaffolding Interdisciplinary Courses <sup>8</sup>	9
Health and Physical Education	4
General Education Total	58

**Major**

CLS 4117	Clinical Microbiology	7
CLS 4125	Clinical Chemistry I	5
CLS 4236	Clinical Hematology	6
CLS 4246	Clinical Immunology/ Immunohematology	6
CLS 4325	Clinical Chemistry II	5
CLS 4351	Topics in Medical Terminology	1

Major Total 30

**Cognate**

BIO 310	Microbiology (lecture and lab)	4
BIO 457	Immunology (lecture and lab)	4
Choice of one of the following courses:		4
BIO 311	Medical Genetics (lecture and lab)	
BIO 410	Medical Parasitology	
CHE 400	Quantitative Analysis (lecture & lab)	
Choice of one of the following courses:		4
PHS 223	Human Anatomy (lecture & lab)	
PHS 224	Human Physiology (lecture & lab)	

Cognate Total 16

Biochemistry Minor 20

Degree Total 124

**Biochemistry Minor**

CHE 111	General Chemistry I (lecture & lab)	4
CHE 112	General Chemistry II (lecture & lab)	4
CHE 211	Organic Chemistry I (lecture & lab)	4
CHE 212	Organic Chemistry II (lecture & lab)	4
CHE 459	Biochemistry (lecture & lab)	4

Minor Total 20

**Biology Minor**

BIO 209	Methods in Biotechnology	1
BIO 111	Intro. Biology I (lec. and lab)	4
BIO 112	Intro. Biology II (lec. and lab)	4
Choose one of the following field courses:		4
BIO 312	Human Ecology (lecture and lab)	
BIO 458	Marine Biology (lecture and lab)	
BIO	Biology field course (lecture and lab)	
AUS	Au Sable field course (lecture and lab)	

Choose two of the following courses: 8

<sup>1</sup> Recommended: nonprofit business, general business, chemistry, missions, or social justice, or students may choose to complete the 18 credit hour program at the H.E.A.R.T. center at Warner University in lieu of a minor.

<sup>2</sup> Recommended electives include BUS 202, ENT 300, and MGT 465.

<sup>3</sup> Choose from the following combinations  
PHY 101 lecture with lab and PHY 102 lecture with lab, or PHY 111 lecture with lab and PHY 112 lecture with lab

<sup>4</sup> Choose from PSY 201 or SOC 101.

<sup>5</sup> Recommended for students desiring a pre-medical emphasis.

<sup>6</sup> Course can only be completed once.

<sup>7</sup> BIO 105, BIO 111 lecture and lab, and BIO 112 lecture and lab.

<sup>8</sup> Requires GEN 356. Choose two additional courses from GEN 301, GEN 380, GEN 420, GEN 434.

BIO 310	Microbiology (lecture and lab) <sup>1</sup>	
BIO 311	Medical Genetics (lecture and lab) <sup>2</sup>	
BIO 411	Molecular Cell Biology (lecture and lab) <sup>2</sup>	
BIO 420	Molecular Virology (lecture & lab)	
BIO 421	General and Comparative Physiology (lecture and lab) <sup>2</sup>	
BIO 431	Developmental Biology (lecture and lab) <sup>2</sup>	
BIO 454	Special Topics (lecture and lab) <sup>2</sup>	
BIO 457	Prin. of Immunology (lecture and lab) <sup>2</sup>	
BIO	Biology elective (300-level or above)	
Minor Total		21

### **Chemistry Minor**

CHE 111	General Chemistry I (lecture & lab)	4
CHE 112	General Chemistry II (lecture & lab)	4
CHE 211	Organic Chemistry I (lecture & lab)	4
CHE 212	Organic Chemistry II (lecture & lab)	4
CHE 300	Quantitative Analysis (lecture & lab)	4
Minor Total		20

### **Global Environmental Sustainability Minor**

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 Global Environmental Sustainability. 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 Biology and Chemistry Department so that there will be an appropriate combination of courses. Some courses are available through Au Sable Institute in northern Michigan and may be taken in summer terms.

BIO 312	Human Ecology (lecture and lab)	4
EVR 250	Environmental Sci. (lecture and lab)	4
EVR 450	Current Global Issues Seminar	3
Choice of one of the following:		4

CHE 101	Principles of Chemistry (lecture & lab)	
CHE 111	General Chemistry I (lecture & lab)	
Choice of one course from the following:		4
BIO 458	Marine Ecology (lecture and lab)	
CHE 400	Chem. Instrumentation (lecture and lab)	
AUS 216	Field Geology	
AUS 302	Limnology	
AUS 311	Field Botany	
AUS 471	Conservation Biology	
AUS 482	Restoration Ecology	
Minor Total <sup>2</sup>		19

### **Departmental Courses**

#### **Biology**

BIO 101	Principles of Biology Lecture	
BIO 101L	Principles of Biology Laboratory	
BIO 104	Intro to Tropical Biology	
BIO 105	Essentials of Biology	
BIO 111	Introductory Biology I Lecture	
BIO 111L	Introductory Biology I Laboratory	
BIO 112	Introductory Biology II Lecture	
BIO 112L	Introductory Biology II Laboratory	
BIO 150	Human Biology and Global Health Lecture	
BIO 150L	Human Biology and Global Health Laboratory	
BIO 200	Human Cadaver Dissection	
BIO 209	Methods in Biotechnology	
BIO 212	Principles of Microbiology Lecture	
BIO 212L	Principles of Microbiology Laboratory	
BIO 259	Medical Terminology	
BIO 310	Microbiology Lecture	
BIO 310L	Microbiology Laboratory	
BIO 311	Medical Genetics Lecture	
BIO 311L	Medical Genetics Laboratory	
BIO 312	Human Ecology Lecture	
BIO 312L	Human Ecology Lab	
BIO 360	Readings in Biology	
BIO 370	Methods in Biotechnology	
BIO 372	Introduction to Biological Research	
BIO 410	Medical Parasitology Lecture	
BIO 410L	Medical Parasitology Lab	
BIO 411	Molecular Cell Biology Lecture	
BIO 411L	Molecular Cell Biology Laboratory	
BIO 420	Molecular Virology Lecture	
BIO 420L	Molecular Virology Lab	
BIO 421	General/Comparative Physiology Lecture	

BIO 421L	General/Comparative Physiology Lab	
BIO 429	Secondary Science Methods	
BIO 431	Developmental Biology Lecture	
BIO 431L	Developmental Biology Laboratory	
BIO 451	Biology Seminar	
BIO 454	Special Topics	
BIO 454L	Special Topics Lab	
BIO 456	Biomedical Ethics	
BIO 457	Principles of Immunology Lecture	
BIO 457L	Principles of Immunology Laboratory	
BIO 458	Marine Ecology Lecture	
BIO 458L	Marine Ecology Laboratory	
BIO 499	Individual Research and Senior Paper	
BIO 999	Biology Elective	

#### **Chemistry**

CHE 101	Principles of Chemistry Lecture	
CHE 101L	Principles of Chemistry Laboratory	
CHE 104	Applied Chemistry and Physics	
CHE 111	General Chemistry I Lecture	
CHE 111L	General Chemistry I Laboratory	
CHE 112	General Chemistry II Lecture	
CHE 112L	General Chemistry II Laboratory	
CHE 211	Organic Chemistry I Lecture	
CHE 211L	Organic Chemistry I Laboratory	
CHE 212	Organic Chemistry II Lecture	
CHE 212L	Organic Chemistry II Laboratory	
CHE 300	Quantitative Analysis Lecture	
CHE 300L	Quantitative Analysis Laboratory	
CHE 303	Physical Chemistry I Lecture	
CHE 303L	Physical Chemistry I Laboratory	
CHE 304	Physical Chemistry II	
CHE 400	Chemical Instrumentation Lecture	
CHE 400L	Chemical Instrumentation Laboratory	
CHE 449	Chemistry Research	
CHE 452	Seminar	
CHE 455	Oncological Chemistry	
CHE 456	Inorganic Chemistry	
CHE 458	Chemistry Internship	
CHE 459	Biochemistry Lecture	
CHE 459L	Biochemistry Laboratory	
CHE 469	Biochemistry II Lecture	
CHE 471	Structure and Bonding	
CHE 473	Synthesis	
CHE 475	Biochemistry II Oncological Chemistry	
CHE 499	Individual Research and Senior Paper	
CHE 999	Chemistry Elective	

<sup>1</sup> Students majoring in biomedical chemistry must choose from courses marked with this footnote.

<sup>2</sup> Of the 19 hours, eight must be in field studies. EVR 250 lecture and lab combination may be taken as honors lab

science course to meet 4 hours of general education requirements.

**Environmental Science**

EVR 101	Introduction to Environmental Science
EVR 101L	Introduction to Environmental Science Laboratory
EVR 201	Global Development and Sustainability
EVR 250	Environmental Science I Lecture
EVR 250L	Environmental Science I Lab
EVR 251	Environmental Science II Lecture
EVR 251L	Environmental Science II Lab
EVR 360	Readings in Environmental Science
EVR 380	Environmental Sustainability Internship
EVR 390	Environmental Research
EVR 450	Current Global Issues Seminar
EVR 451	Environmental Seminar
EVR 499	Senior Paper
EVR 999	Environmental Science Elective

**General Education**

GEN 301	Global Development and Sustainability
GEN 333	Science Travel Studies
GEN 356	Biomedical Ethics

**Prehealth Professions**

PHP 100	Pre-health Professions Seminar
PHP 300	Pre-Health Professions Seminar II
PHP 400	Medical Seminar
PHP 999	Pre-health Professions Elective

**Physiology**

PHS 223	Human Anatomy Lecture
PHS 223L	Human Anatomy Laboratory
PHS 224	Human Physiology Lecture
PHS 224L	Human Physiology Laboratory
PHS 999	Physiology Elective

**Computing and Mathematics Department**

Andrew SID Lang, Ph.D., Chair

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

The Computing and Mathematics Department offers a masters in computer science, majors in computer science, computer information technology, and mathematics, as well as minors in computer science, computer information technology, data science, and mathematics. Concentrations in data science, premedicine, prehealth professions, and preactuary are available in the mathematics major. These disciplines assist students in

understanding creation from a logical perspective and allows them to identify their roles in bringing healing to that creation through a moral and just application of technology.

Students enrolled in computing courses are eligible for certificates or a micro credential. Certificates are offered in Fundamentals of Computer Science, Fundamentals of Data Structures and Algorithms, Data Science, and Internet and Mobile Application Development. A student can receive a micro credential in Computer Science upon completion of the four certificates and the capstone course in Enterprise Development. Requirements for the certificate programs and micro credential are located at the end of this section.

**General Education**

The department offers courses that satisfy the general education science elective requirement: CSC 111 Introduction to Computing and CSC 201 Introduction to Data Science.

The department also offers courses that satisfy the general education mathematics requirement: MAT 232 Elementary Statistics and MAT 325 Probability and Statistics.

Mathematics Placement Exams  
ALEKS-PPL is used to place students wishing to take mathematics courses.

**Degree Programs****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.

This degree can be completed in three years by following the degree-in-three plan sheet, which is available from the Computing and Mathematics Department. Students majoring in computer information technology major may also choose to follow a fast-track path to an MBA degree. More information is available in the following section titled "Special Opportunities--Fast Track."

**Computer Science (B.S.)**

The bachelor of science degree with a major in computer science 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 areas of computer science; (4) background necessary for graduate work in computer science. The computer science major trains students to apply the fundamental principles of computer science to impact the world.

**Computer Science (M.S.)**

The master of science degree in computer science is designed to provide graduate level training in the area of computer science. The program have two areas on concentration: (1) computer science; (2) data science. Students wishing to pursue the master's degree without first completing an undergraduate degree in computer science may be asked to take leveling classes. A fast-track is available for the master's in computer science program; allowing to complete the master's degree in as little as one year.

**Health Fitness Requirements for ORU Graduates**

GHPE 503 – Graduate Health Fitness may be substituted with an additional activity course if the student successfully completed the required non-activity Health & Physical Education courses OR GHPE 503 while pursuing a previous degree at ORU. The additional activity class may be taken at either 0.5 or 1 credit hour as allowed by the course description and catalog.

**Mathematics (B.S.)**

The Bachelor of Science degree with a major in mathematics is designed to meet the needs of students seeking (1) a general appreciation of mathematics, (2) a foundation for graduate study in mathematics, and (3) mathematical tools required by other majors. Studying and researching the classical fields of mathematics helps to develop knowledge, skills, and reasoning abilities necessary to pursue advanced studies in mathematics. This degree can be completed in three years by following the degree-in-three plan sheet. More information is available from the Computing and Mathematics Department. Concentrations in data science, premedicine, prehealth professions, and preactuary are available in the mathematics major.

It is designed to meet the needs of students seeking (1) a general appreciation and understanding of mathematics, (2) the necessary quantitative skills valued by health professions, (3) the pre-health

professional training needed to go into health-professional careers and advanced health professional studies. This concentration provides the skills and reasoning abilities necessary to pursue advanced studies in all health professions and mathematics.

### ***Computer Science (M.S.)***

The Master of Science in Computer Science (MSCS) program develops Spirit-empowered leaders who possess an advanced understanding of essential computer science knowledge and are prepared to be career leaders in the computing industry. The degree includes one of two concentrations, Computer Science or Data Science. Each concentration is designed to offer a structured set of courses around an organized theme.

Applicants to the MSCS must provide all required information to the University before the faculty review the material for admission decisions. The admissions committee will review completed applications based on the order of receipt and will communicate admission decisions to applicants as soon as possible. Upon notification of acceptance, the University requires students to sign Financial Guarantee Forms and return the forms with tuition deposits. The deposit applies to tuition at the time of registration. The funds remain refundable until 60 days before the start of the intended session, dependent on student notification to the Admissions Office.

All students must participate in the University's health and fitness program. A medical assessment form and immunization records must be completed following admission to the University and submitted before the first day of class.

Entrance requirements include a bachelor's degree or the recognized equivalent from an accredited institution. Students without adequate previous coursework in computer science may be admitted but required to take additional credits for the degree. In addition, applications require the following: minimum undergraduate GPA of 2.50, personal sketch, three letters of recommendation, and final transcript indicating a complete bachelor's degree sent directly from the institution. To remain enrolled in the program, MSCS students must maintain at least a 3.00 GPA and be enrolled full-time in nine credit hours.

### **Degree in Three**

The Computing and Mathematics Department offers two majors that industrious students can complete in three

years: computer information technology and mathematics. Completing a major in three years involves taking courses in the summers, including the summer before a student's freshman year. Degree plan sheets that show how the degrees can be completed in three years are available in the Computing and Mathematics Department.

### **Special Opportunities**

#### ***M.S. in Computer Science Fast Track Program***

The Fast Track Program allows ORU juniors and senior students to enroll concurrently in graduate courses and apply those hours toward a Master of Science (M.S.) provided they have been accepted into the M.S. program in their junior year.

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 18 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.

To participate in the M.S. in Computer Science Fast Track Program, a student needs to apply to the College of Science and Engineering graduate admissions. General criteria used for acceptance include a 2.50 GPA and an approved undergraduate major.

#### ***M.B.A. Fast Track Program***

The Fast Track Program allows ORU senior students to enroll concurrently in graduate courses and apply those hours toward a Master of Business Administration degree (MBA) provided they have been accepted into the MBA program in their senior year.

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 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.

To participate in the M.B.A. Fast Track Program, a student needs to apply to the College of Business graduate admissions. General criteria used for acceptance include a 3.00 GPA and an approved undergraduate major.

### **Clubs and Organizations**

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.

Students demonstrating scholarship in mathematics are invited to participate in the student chapter of Kappa Mu Epsilon (KME), a mathematics honor society. The society hosts conferences and competitions to promote instruction and research in mathematics.

### **Awards and Scholarships**

In recognition of scholarship, leadership, and ORU lifestyle commitment, the Computing and Mathematics 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: computer information technology, mathematics, and mathematical pre-actuary. The department also recognizes the overall outstanding graduating senior.

**Outstanding Senior Paper.** This recognizes the department's best senior paper in each major and the two overall outstanding senior papers to represent the department at the senior paper reception.

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

Engineering Department, and the Computing and Mathematics Department. The award is based on financial need and scholarship and is funded by contributions from alumni and faculty members. Stanley White Scholarship. Each spring the computing & mathematics department selects two students to be 2-year term Stanley White Scholars. Each recipient will receive \$1,500 per semester.

### **Applied Science Major** **Bachelor of Science**

<b>General Education</b>	Credit Hours
Intro to Whole Person Educ (GEN 150)	1
English (COMP 102, 303)	6
Foreign language	3
Oral Communication (COM 101)	3
Biblical Literature	4
Theology (THE 104 and 105)	4
Laboratory Science (lecture and lab)	4
Science Lecture	3
Mathematics (MAT 232)	3
Civics	3
Humanities	6
Social Science (PSY 201)	3
Scaffolding Interdisciplinary Courses	9
Health and Physical Education	4
<b>General Education Total</b>	<b>56</b>

### **Major**

College of Science & Engineering Electives Courses – 100 level or higher	15
College of Science & Engineering Electives Courses – 200 level or higher	6
College of Science & Engineering Electives Courses – 300 level or higher	6
___ 499 Any COSE Senior Paper/project course	3
<b>Major Total</b>	<b>30</b>
<b>Electives</b>	<b>34</b>
<b>Degree Total</b>	<b>120</b>

### **Computer Information Technology Major** **Bachelor of Science**

<b>General Education</b>	Credit Hours
Intro to Whole Person Educ (GEN 150)	1
English (COMP 102, 303)	6
Foreign language	3
Oral Communication (COM 101)	3
Biblical Literature	4
Theology (THE 104 and 105)	4
Laboratory Science (lecture and lab) <sup>1</sup>	4

Science Elective (CSC 201 or second lab science)	3
Mathematics	3
Civics	3
Humanities	6
Social Science Elective	3
Health and Physical Education	4
<b>General Education Total</b>	<b>47</b>

### **Major**

CIT 216 Project Management	3
CIT 304 System Analysis/Design	3
CIT 306 Database Development	3
CIT 308 Unix Systems Administration	3
CIT 402 Enterprise Development	3
CIT 428 Information Systems	3
CIT 441 Networking Administration	3
CIT 442 Information System Security	3
CIT 498 Senior Paper Preparation	1
CIT 499 Senior Paper/Project	2
CSC 100 Computing & Mathematics Seminar	4
CSC 111 Introduction to Computing	3
CSC 206 Intermediate Programming	3
CSC 212 Computing Ethics	3
CSC 341 Internet Programming	3
Choose one of the following courses:	3
CIT 352 Mobile Application Development	
CIT 354 Intro to Game Design & Development	
CIT 450 Computing Internship	
<b>Major Total</b>	<b>46</b>

### **Cognate**

CSC 255 Data Structures	3
Choice of one of the following:	3
MAT 207 Discrete Mathematics	
MAT 208 Elementary Discrete mathematics	
Choice of one of the following:	3-4
MAT 106 Trigonometry (3 hrs.)	
MAT 201 Calculus I (4 hrs.)	
<b>Cognate Total</b>	<b>9-10</b>
<b>Minor</b>	<b>18</b>
<b>Degree Total</b>	<b>120-121</b>

### **Computer Science Bachelor of Science**

<b>General Education</b>	Credit Hours
Intro to Whole Person Educ (GEN 150)	1
English (COMP 102, 303)	6
Foreign language	3

Oral Communication (COM 101)	3
Biblical Literature	4
Theology (THE 104 and 105)	4
Laboratory Science (lecture and lab) <sup>2</sup>	4
Science Elective (natural science)	3
Mathematics (MAT 325)	3
Civics	3
Humanities	6
Social Science Elective	3
Health and Physical Education	4

**General Education Total** 47

### **Major**

CIT 306 Database Development	3
CSC 100 Computing & Mathematics Seminar	4
CSC 111 Introduction to Computing	3
CSC 206 Intermediate Programming	3
CSC 212 Computing Ethics	3
CSC 255 Data Structures	3
CSC 321 Data Communication	3
CSC 351 Design of Operating Systems	3
CSC 356 Design and Analysis of Algorithms	3
CSC 453 Compiler Design	3
CSC 498 Senior Project I	3
CSC 499 Senior Project II	3
Choose 6 hours of the following:	6
CIT/CSC CIT/CSC 300 or 400 level electives	
<b>Major Total</b>	<b>43</b>
<b>Mathematics Minor</b>	<b>14</b>
<b>Electives</b>	<b>16</b>
<b>Degree Total</b>	<b>120</b>

### **Mathematics Major** **Bachelor of Science**

<b>General Education</b>	Credit Hours
Intro to Whole Person Educ (GEN 150)	1
English (COMP 102, 303)	6
Foreign language	3
Oral Communication (COM 101)	3
Biblical Literature	4
Theology (THE 104 and 105)	4
Laboratory Science (lecture and lab) <sup>3</sup>	4
Science Elective <sup>4</sup>	3-4
Mathematics (MAT 325)	3
Civics	3
Humanities	6
Social Science Elective <sup>5</sup>	3
Scaffolding Interdisciplinary Courses <sup>6</sup>	3-9
Health and Physical Education	4

<sup>1</sup> BIO 101, CHE 101, EVR 250, PHY 101 or PSC 101 lecture and lab.

<sup>2</sup> BIO 111, CHE 111, or PHY 111.

<sup>3</sup> 3BIO 104, BIO 111, CHE 111, or PHY 111 lecture and lab. Students pursuing the pre-medicine or pre-health professions concentration must choose CHE 111.

<sup>4</sup> Choice of CSC 111, CSC 201, or second lab science. CHE 112 lecture and lab required for pre-medicine or pre-health professions concentration.

<sup>5</sup> Students completing a concentration in pre-medicine or pre-health professions must complete PSY 201.

<sup>6</sup> Students pursuing a pre-medicine or pre-health professions concentration are only required to complete GEN 356.

	General Education Total	51-57
<b>Major</b>		
MAT 201	Calculus I	4
MAT 202	Calculus II	4
MAT 207	Discrete Mathematics	3
MAT 211	Differential Equations	3
MAT 312	Linear & Matrix Algebra	3
MAT 321	Calculus III	4
MAT 498	Senior Paper/Project Prep	1
MAT 499	Senior Paper/Project	2
MAT ____	Elective (MAT 300 or 400 level)	3
Choice of one of the following courses: <sup>1</sup>		3
MAT 401	Higher Algebra	
MAT 421	Advanced Calculus	

Major Total	30
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**Cognate**

CSC 100	Computing & Mathematics Seminar	4
CSC 111	Introduction to Computing	3
CSC 206	Intermediate Programming	3
Cognate Total		10
Minor <sup>2</sup>		18
Electives <sup>2</sup>		6

Degree Total	120
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**Data Science Concentration (Optional)**

CIT 306	Database Development	3
CSC 201	Introduction to Data Science	3
CSC 212	Computing Ethics	3
CSC 255	Data Structures	3
CSC 444	Introduction to Distributed Systems	3
CSC 461	Data Mining and Machine Learning	3
CSC 462	Big Data and High Performance Computing	3
MAT 232	Elementary Statistics	3
Concentration Total		24

Degree Total with concentration in data science	120
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**Pre-Medicine Concentration (Optional)**

BIO 111	Introductory Biology I (Lecture & Lab)	4
BIO 112	Introductory Biology II (Lecture & Lab)	4
CHE 211	Organic Chemistry I (lecture & lab)	4
CHE 212	Organic Chemistry II (lecture & lab)	4
CHE 459	Biochemistry Lecture	3

PHY 111	Physics I (lecture & lab)	4
PHY 112	Physics II (lecture & lab)	4
PHP 100	Pre-health Professions Seminar	0.5
Concentration Total		27.5
Electives		1.5

Degree Total with concentration in pre-medicine	120
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**Pre-Health Professions Concentration (Optional)**

BIO 111	Introductory Biology I (lecture & lab)	4
BIO 112	Introductory Biology II (lecture & lab)	4
PHP 100	Pre-health Professions Seminar	0.5
PHS 223	Human Anatomy (lecture and lab)	4
PHS 224	Human Physiology (lecture and lab)	4
PHP	Electives <sup>3</sup>	11
Concentration Total		27.5
Electives		1.5

Degree Total with concentration in pre-health professions	120
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**Mathematics Preactuary Major****Bachelor of Science**

General Education		Credit Hours
Intro to Whole Person Educ (GEN 150)		1
English (COMP 102, 303)		6
Foreign language		3
Oral Communication (COM 101)		3
Biblical Literature		4
Theology (THE 104 and 105)		4
Laboratory Science (lecture and lab) <sup>4</sup>		4
Science Elective <sup>4</sup>		3
Mathematics (MAT 325)		3
Civics		3
Humanities		6
Social Science (BUS 201)		3
Scaffolding Interdisciplinary Courses		9
Health and Physical Education		4

General Education Total	56
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Major		
MAT 201	Calculus I	4
MAT 202	Calculus II	4
MAT 207	Discrete Mathematics	3
MAT 211	Differential Equations	3
MAT 312	Linear and Matrix Algebra	3
MAT 321	Calculus III	4

MAT 421	Advanced Calculus	3
MAT	Elective (300-400 level course)	3
MAT 498	Senior Paper/Project Preparation	1
MAT 499	Senior Paper/Project	2
Major Total		30

**Concentration**

ACT 215	Financial Accounting	3
ACT 216	Managerial Accounting	3
ACT 320	Quantitative Analysis	3
BUS 202	Principles of Economics II	3
CSC 111	Introduction to Computing	3
CSC 206	Intermediate Programming	3
FIN 338	Financial Management	3
FIN 418	Investments	3
FIN 438	Advanced Financial Management	3
MAT 232	Elementary Statistics	3

Concentration Total	30
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**Cognate**

CSC 100	Computing & Mathematics Seminar	4
Cognate Total		4

Degree Total	120
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**Computer Science****Master of Science**

Students choose either the Computer Science or Data Science concentration.

**ORU Distinctive**

GTHE 510	Holy Spirit Empowerment in Life & Ministry	2
GHPE 503	Graduate Health Fitness	1
Choose one of the following:		0.5
GHPE 515	Graduate Aerobics	
GHPE 525	Graduate Walk for Fitness	
HPE ____	HPE Activity Course	

ORU Distinctive Total	3.5
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**Computer Science Concentration**

GCSC 511	Software Engineering	3
GCSC 544	Distributed Systems	3
GCSC 556	Advanced Algorithms	3
GCSC 562	Big Data & High Performance Computing	3
GCSC 570	Automata and Complexity Theory	3
GCSC 599	Research in Computer Science <sup>5</sup>	6-9
Choice of the following: <sup>6</sup>		3-6

<sup>1</sup> Students pursuing a data science concentration must take MAT 421.

<sup>2</sup> Students completing the concentration in data science, pre-medicine, or pre-health professions do not complete the minor or elective hours referenced above.

<sup>3</sup> Additional courses will be suggested by student's pre-health advisor.

<sup>4</sup> Choose CSC 201 or additional lab science.

<sup>5</sup> Students choose either the Project or Thesis options. Project options is 2 semester sequence with 3 hours of GCSC 599 each

semester. Thesis option is 3 semester sequence with 3 hours of GCSC 599 each semester.

<sup>6</sup> Students who choose the Project option take 6 hours of electives. Students who

GCSC 554	Special Topics in Computer Science	
GCSC 561	Data Mining & Machine Learning	
GCSC 563	Artificial Intelligence	
GMGT 585	Business Analytics	
GMGT 586	Intermediate Business Analytics	

Concentration Total: 27

#### **Data Science Concentration**

GCSC 511	Software Engineering	3
GCSC 544	Distributed Systems	3
GCSC 561	Data Mining & Machine Learning	3
GCSC 562	Big Data & High Performance Computing	3
GCSC 563	Artificial Intelligence	3
GCSC 599	Research in Computer Science <sup>1</sup>	6-9
Choice of the following: <sup>2</sup>		3-6
GCSC 554	Special Topics in Computer Science	
GCSC 556	Advanced Algorithms	3
GCSC 570	Automata and Complexity Theory	3
GMGT 585	Business Analytics	
GMGT 586	Intermediate Business Analytics	

Concentration Total: 27

Degree Total: 30.5

#### **Computer Information Tech Minor**

CIT 206	Intermediate Programming	3
CIT 216	Project Management	3
CSC 111	Introduction to Computing	3
Choice of three courses:		9
CIT/CSC Electives (300 level or above) <sup>3</sup>		

Minor Total 18

#### **Computer Science Minor**

CSC 111	Introduction to Computing	3
CSC 206	Intermediate Programming	3
CSC 255	Data Structures	3
Choice of three courses:		9
CSC ____	Electives <sup>4</sup>	

Minor Total 18

#### **Data Science Minor**

CSC 201	Introduction to Data Science	3
CSC 206	Intermediate Programming	3
CSC 255	Data Structures	3
CSC 444	Introduction to Distributed Systems	3
Choice of two courses:		6

choose the Thesis option take 3 hours of electives.

<sup>1</sup> Students choose either the Project or Thesis options. Project options is 2 semester sequence with 3 hours of GCSC 599 each semester. Thesis option is 3 semester

CSC 461	Data Mining and Machine Learning	
CSC 462	Big Data and High Performance Computing	
CSC 463	Artificial Intelligence	
Minor Total		18

#### **Esports Minor**

CSC 111	Introduction to Computing	3
CSC 206	Intermediate Programming	3
CIT 352	Mobile Application Development	3
CIT 354	Introduction to Game Design and Development	3
Choice of two courses:		6
CSC 341	Internet Programming	
HLSS 375	Global Perspective of Sport and Leisure	
HLSS 306	Sport Facility and Event Management	
HLSS 416	Legal Aspects of Sport and Leisure	

Minor Total 18

#### **Mathematics Minor**

MAT 201	Calculus I	4
MAT 202	Calculus II	4
MAT 207	Discrete Mathematics	3
MAT 312	Linear & Matrix Algebra	3
MAT	Elective (300 or above)	3

Minor Total 17

#### **Fundamentals of Computer Science Certificate**

CSC 111	Introduction to Computing	3
CSC 206	Intermediate Programming	3

Certificate Total 6

#### **Fundamentals of Data Structures and Database Development Certificate<sup>5</sup>**

CIT 306	Database Development	3
CSC 255	Data Structures	3

Certificate Total 6

#### **Internet and Mobile Application Development Certificate<sup>5</sup>**

CIT 352	Mobile Application Development	3
CSC 341	Internet Programming	3

Certificate Total 6

sequence with 3 hours of GCSC 599 each semester.

<sup>2</sup> Students who choose the Project option take 6 hours of electives. Students who choose the Thesis option take 3 hours of electives.

#### **Computer Science Microcredential**

Cert. in Fundamentals of Computer Science	6
Cert. in Data Structures & Database Dev.	6
Cert. in Internet and Mobile Application Dev.	6
CIT 302 Enterprise Development	3

Microcredential Total 21

#### **Departmental Courses**

##### **Computer Information Technology**

CIT 216	Project Management
CIT 304	System Analysis/Design
CIT 306	Database Development
CIT 308	Unix Systems Administration
CIT 314	Programming in the Linux Environment
CIT 352	Mobile Application Development
CIT 354	Introduction to Game Design and Development
CIT 402	Enterprise Development
CIT 428	Information Systems
CIT 441	Network Administration
CIT 442	Information System Security
CIT 450	Internship
CIT 454	Special Topics
CIT 498	Senior Paper/Project Preparation
CIT 499	Senior Paper/Project
CIT 999	Computer Information Technology Elective

##### **Computer Science**

CSC 100	Computing and Mathematics Seminar
CSC 101	Computer Concepts
CSC 111	Introduction to Computing
CSC 112	Microcomputer Applications in Business
CSC 201	Introduction to Data Science
CSC 206	Intermediate Programming
CSC 212	Computing Ethics
CSC 231	Computers and Programming
CSC 255	Data Structures
CSC 321	Data Communication
CSC 341	Internet Programming
CSC 351	Design of Operating Systems
CSC 356	Design and Analysis of Algorithms
CSC 411	Software Engineering
CSC 444	Introduction to Distributed Computing Systems
CSC 453	Compiler Design
CSC 454	Special Topics
CSC 456	Advanced Algorithms

<sup>3</sup> Excludes CIT 450, 498, and 499.

<sup>4</sup> CSC Electives must be 300 level or above. This includes CIT 306.

<sup>5</sup> The Certificate in Fundamentals of Computer Science must be completed prior to either of the other certificate programs.

CSC 461	Data Mining and Machine Learning
CSC 462	Big Data and High Performance Computing
CSC 463	Artificial Intelligence
CSC 470	Automata and Complexity Theory
CSC 498	Senior Project I
CSC 499	Senior Project II
CSC 999	Computer Science Elective

#### **Graduate Computer Science**

GCSC 511	Software Engineering
GCSC 544	Introduction to Distributed Computing Systems
GCSC 556	Advanced Algorithms
GCSC 561	Data Mining & Machine Learning
GCSC 562	Big Data & High Performance Computing
GCSC 563	Artificial Intelligence
GCSC 570	Automata & Complexity Theory
GCSC 599	Research in Computer Science

#### **General Education**

GEN 314	The Mystery of Sound
GEN 434	Game Theory and Politics

#### **Information Technology**

IT 101	Information Technology Fundamentals
IT 111	Programming
IT 201	Human Computer Interaction
IT 211	Networking
IT 231	Web Systems/Technology
IT 251	Technical and Professional Communication
IT 301	Information Management
IT 361	System Administration and Maintenance
IT 371	Integrative Programming
IT 411	Information Assurance and Security
IT 451	Project Management
IT 499	IT Capstone

#### **Mathematics**

MAT 099	Introduction to College Mathematics
MAT 105	College Algebra
MAT 106	Trigonometry
MAT 151	Mathematics and Society
MAT 201	Calculus I
MAT 202	Calculus II
MAT 207	Discrete Mathematics
MAT 208	Elementary Discrete Mathematics
MAT 211	Differential Equations
MAT 221	Mathematics Concepts I
MAT 222	Mathematics Concepts II
MAT 231	Essentials for Elementary Statistics
MAT 232	Elementary Statistics
MAT 300	Senior Paper/Project Preparation
MAT 312	Linear and Matrix Algebra
MAT 313	College Geometry

MAT 314	Waves and Music
MAT 315	History of Mathematics
MAT 318	Elementary Number Theory
MAT 321	Calculus III
MAT 325	Probability and Statistics
MAT 332	Introduction to Biostatistics
MAT 401	Higher Algebra
MAT 421	Advanced Calculus I
MAT 422	Advanced Calculus II
MAT 428	Secondary Methods: Mathematics
MAT 429	Topics in Mathematics
MAT 451	Mathematics Education Internship
MAT 455	Mathematical Methods in Physics
MAT 498	Senior Paper/Project Preparation
MAT 499	Senior Paper/Project
MAT 999	Mathematics Elective

#### **Proficiency Exam**

PRFP 101	Calculus Placement Exam
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## **School of Engineering**

John Matsson, Ph.D., Chair

**Mission Statement:** The School of Engineering 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 and mathematics 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 school supports the overall university mission by developing analytical reasoning and problem solving in science and engineering and by promoting understanding and reconciliation among the fields of science and theology.

The School of Engineering offers bachelor's degrees in two fields: (1) engineering, (2) biomedical engineering. The school also offers a minor in physics, 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.

### **Degree Programs**

#### ***Engineering (B.S.E.)***

The School of Engineering has an ABET, Inc. 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. All engineering majors are required to take the Fundamentals of Engineering (FE) Exam before graduation.

#### ***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.

### **Admission into 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 or cognate 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, PHY 111L, CHE 111 and CHE 111L. Biomedical Engineering majors must also earn a grade of "C" or above in CHE 112 and CHE 112L. Students may not repeat a course more than two times.

### **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 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.

The ORU student section of the Society of Women Engineers (SWE) encourages women to achieve full potential in careers as engineers and leaders and to expand the image of the engineering profession as a positive force in improving the quality of life and demonstrating the value of diversity. SWE fosters communication between female students, educators, and business professionals to provide encouragement and support to break down barriers for women interested in STEM careers.

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 School of Engineering annually honors outstanding students by presenting the following awards:

Outstanding Senior Awards. The school annually honors a graduating senior in each of the following majors: biomedical engineering and engineering. The school also recognizes the overall outstanding graduating senior.

Outstanding Design Project. This recognizes the school's best senior design project.

James Wilkes Pugh Memorial Award. This fund is designated for majors in the natural sciences (Biology and Chemistry Department and the Engineering Department) who live in the Ozark regions of Missouri, Arkansas, and Oklahoma. This award is approximately \$500.

### **Biomedical Engineering Major**

#### **Bachelor of Science**

<b>General Education</b>	Credit Hours
Intro to Whole Person Educ (GEN 150)	1
English (COMP 102, 303)	6
Foreign language	3
Oral Communication (COM 101)	3
Biblical Literature	4
Theology (THE 104 and 105)	4
Laboratory Science (lecture and lab) <sup>1</sup>	8
Mathematics (MAT 325)	3
Civics	3
Humanities	6
Social Science Elective	3
Health and Physical Education	4
<b>General Education Total</b>	<b>48</b>

#### **Major**

BE 310	Biomedical Engineering Survey	3
BIO 111	Intro. to Biology I (lecture & lab)	4
EE 311	Network Analysis II	3
EE 321	Electronics I (lecture and lab)	4
EE 322	Electronics II (lecture and lab)	4
EE 360	Electromagnetic Theory	3
CHE 112	General Chemistry II (lecture & lab)	4
CHE 211	Organic Chemistry I (lecture & lab)	4
CHE 212	Organic Chemistry II (lecture & lab)	4
EGR 100	Engineering/Physics Seminar <sup>2</sup>	0
EGR 101	Introduction to Engineering	2
EGR 140	Engineering Graphics	2
EGR 210	Network Analysis I (lecture and lab)	4
EGR 221	Mechanics I: Statics	3
EGR 222	Mechanics II: Dynamics	3
EGR 252	Engineering Computational Methods	3
EGR 498	Senior Design and Research I	2
EGR 499	Senior Design and Research II	2
PHS 223	Human Anatomy (lecture and lab)	4
PHS 224	Human Physiology (lecture and lab)	4
PHY 112	Physics II (lecture and lab)	4
<b>Major Total</b>		<b>66</b>

#### **Cognate**

MAT 201	Calculus I	4
MAT 202	Calculus II	4
MAT 211	Differential Equations	3
MAT 321	Calculus III	4
<b>Cognate Total</b>		<b>15</b>

Degree Total

129

### **Engineering Major**

#### **Bachelor of Science in Engineering**

<b>General Education</b>	Credit Hours
Intro to Whole Person Educ (GEN 150)	1
English (COMP 102, 303)	6
Foreign language	3
Oral Communication (COM 101)	3
Biblical Literature	4
Theology (THE 104 and 105)	4
Laboratory Science (lecture and lab) <sup>2</sup>	8
Mathematics (MAT 325)	3
Civics	3
Humanities	6
Social Science Elective	3
Health and Physical Education	4
<b>General Education Total</b>	<b>48</b>

#### **Major**

EGR 100	Engineering/Physics Seminar <sup>3</sup>	0
EGR 101	Introduction to Engineering	2
EGR 140	Engineering Graphics	2
EGR 210	Network Analysis I (lecture & lab) <sup>4</sup>	4
EGR 221	Mechanics I: Statics	3
EGR 231	Heat and Thermodynamics	3
EGR 252	Engineering Computational Methods	3
EGR 461	Engineering Management and Economy	2
EGR 498	Senior Design and Research I	2
EGR 499	Senior Design and Research II	2
PHY 112	Physics II (lecture and lab)	4
PRFR 001	F.E. Exam Attempted Proficiency	0
<b>Major Total</b>		<b>27</b>

#### **Concentrations**

As part of the engineering major, students need to select one of the following concentrations and its corresponding cognate. 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.

#### **Computer Engineering Concentration**

CMPE 340	Digital Systems Design (lecture & lab)	4
CMPE 441	Microprocessor Systems Design	3
CMPE 443	Computer Architecture	3
CSC 206	Intermediate Programming	3
EE 321	Electronics I (lecture and lab)	4
EE 322	Electronics II (lecture and lab)	4

<sup>1</sup> CHE 111 and PHY 111 lecture and lab.

<sup>2</sup> All students must pass EGR 100 each semester in which they are enrolled in this major.

<sup>3</sup> All students must pass EGR 100 each semester in which they are enrolled in this major.

<sup>4</sup> Mechanical engineering concentration students take EGR 225 lecture and lab; all others take EGR 210 lecture and lab.

PHY 211	Introduction to Modern Physics (lecture and lab)	4
Choice of five of the following technical electives:		15
CSC 255	Data Structures	
CMPE 312	Computer Networks and Communications	
CMPE 450	Special Topics: Artificial Intelligence	
EE 311	Network Analysis II	
EE 325	Design with Standard Components	
EE 450	Special Topics: Digital Signal Processing	
EGR 330	Control Systems	
Concentration Total		40

**Cognate**

MAT 201	Calculus I	4
MAT 202	Calculus II	4
MAT 211	Differential Equations	3
MAT 321	Calculus III	4
CEC Cognate Total		15
Degree Total with CEC Conc.		130

**Electrical Engineering Concentration**

CMPE 340	Digital Systems Design (lecture & lab)	4
EE 311	Network Analysis II	3
EE 321	Electronics I (lecture and lab)	4
EE 322	Electronics II (lecture and lab)	4
EE 360	Electromagnetic Theory	3
EGR 222	Mechanics II: Dynamics	3
EGR 330	Control Systems	3
PHY 211	Introduction to Modern Physics (lecture and lab)	4
Choose three of the following technical electives:		9
EE 325	Design w/ Standard Components	
EE 450	Digital Signal Processing	
EGR 331	Design of Control Systems	
CMPE 312	Computer Networks & Communications	
CMPE 441	Microprocessor Systems Design	
CMPE 443	Computer Architecture	
CMPE 450	Special Topics: Artificial Intelligence	
Concentration Total		37

**Cognate**

MAT 201	Calculus I	4
MAT 202	Calculus II	4
MAT 211	Differential Equations	3
MAT 312	Linear and Matrix Algebra	3
MAT 321	Calculus III	4
EEC Cognate Total		18
Degree Total with EEC Conc.		130

**Mechanical Engineering Concentration**

EGR 222	Mechanics II: Dynamics	3
EGR 330	Control Systems	3
ME 321	Mechanics of Materials	3
ME 331	Applied Thermodynamics	3
ME 381	Principles of Design	3
ME 433	Heat Transfer	3
ME 441	Fluid Mechanics	3
ME 444	Experimental Methods	3
ME 447	Finite Element Method	3
ME 461	Manufacturing Processes	3
Choice of two of the following courses:		6
EGR 331	Design of Control Systems	
ME 371	Machines and Mechanisms	
ME 450	Special Topics	
Concentration Total		36

**Cognate**

MAT 201	Calculus I	4
MAT 202	Calculus II	4
MAT 211	Differential Equations	3
MAT 312	Linear and Matrix Algebra	3
MAT 321	Calculus III	4
MEC Cognate Total		18
Degree Total with MEC Conc.		129

**Physics Minor**

MAT 201	Calculus I	4
MAT 202	Calculus II	4
PHY 111	Physics I	4
PHY 112	Physics II (lecture and lab)	4
PHY 211	Intro. to Modern Physics (lecture and lab)	4
PHY	Electives (300/400 level courses)	6
Minor Total		26

**Departmental Courses****Biomedical Engineering**

BE 310	Biomedical Engineering Survey	
BE 450	Special Topics	
BE 495	Directed Studies	
BE 999	Biomedical Engineering Elective	

**Computer Engineering**

CMPE 312	Computer Networks and Communications	
CMPE 340	Digital Systems Design Lecture	
CMPE 340L	Digital Systems Design Laboratory	
CMPE 441	Microprocessor Systems Design	
CMPE 443	Computer Architecture	
CMPE 450	Special Topics	
CMPE 495	Directed Study	
CMPE 999	Computer Engineering Elective	

**Electrical Engineering**

EE 311	Network Analysis II	
EE 321	Electronics I Lecture	
EE 321L	Electronics I Laboratory	
EE 322	Electronics II Lecture	

EE 322L	Electronics II Laboratory	
EE 325	Design with Standard Components	
EE 360	Electromagnetic Theory	
EE 361	Power Systems Analysis	
EE 363	Electromechanical Devices	
EE 361	Power Systems and Analysis	
EE 363	Electromechanical Devices	
EE 450	Special Topics	
EE 462	Design of Power Systems	
EE 495	Directed Study	
EE 999	Electrical Engineering Elective	

**Engineering**

EGR 100	Engineering and Physics Seminar	
EGR 101	Introduction to Engineering	
EGR 140	Engineering Graphics	
EGR 210	Network Analysis I Lecture	
EGR 210L	Network Analysis I Lab	
EGR 221	Mechanics I: Statics	
EGR 222	Mechanics II: Dynamics	
EGR 225	Circuits and Electronics Lecture	
EGR 225L	Circuits and Electronics Laboratory	
EGR 231	Heat and Thermodynamics	
EGR 252	Engineering Computational Methods	
EGR 330	Control Systems	
EGR 331	Design of Control Systems	
EGR 461	Engineering Management and Economy	
EGR 498	Senior Design and Research I	
EGR 499	Senior Design and Research II	
EGR 999	Engineering Elective	

**Geography**

GEO 215	Principles of Earth Science Lecture	
GEO 215L	Principles of Earth Science Laboratory	

**Mechanical Engineering**

ME 321	Mechanics of Materials	
ME 331	Applied Thermodynamics	
ME 371	Machines and Mechanisms	
ME 381	Principles of Design	
ME 433	Heat Transfer	
ME 441	Fluid Mechanics	
ME 444	Experimental Methods	
ME 447	Finite Element Method	
ME 450	Special Topics	
ME 461	Manufacturing Processes	
ME 495	Directed Study	
ME 999	Mechanical Engineering Elective	

**Physics**

PHY 101	General Physics I Lecture	
PHY 101L	General Physics I Laboratory	
PHY 102	General Physics II Lecture	
PHY 102L	General Physics II Laboratory	
PHY 111	Physics I Lecture	
PHY 111L	Physics I Laboratory	
PHY 112	Physics II Lecture	
PHY 112L	Physics II Laboratory	

PHY 211	Introduction to Modern Physics Lecture
PHY 211L	Introduction to Modern Physics Laboratory
PHY 302	Heat and Thermodynamics
PHY 311	Mechanics I: Statics
PHY 312	Mechanics II: Dynamics
PHY 321	Electronics I Lecture
PHY 321L	Electronics I Laboratory
PHY 331	Electromagnetic Theory
PHY 334	Vibrations and Sound
PHY 341	Advanced Physics Laboratory
PHY 341L	Advanced Physics Laboratory
PHY 401	Optics
PHY 402	Quantum Mechanics
PHY 450	Special Topics
PHY 453	Applied Thermodynamics
PHY 454	Mechanics of Materials
PHY 455	Mathematical Methods in Physics
PHY 498	Senior Research and Design I
PHY 499	Senior Research and Design II
PHY 999	Physics Elective

### **Proficiency**

PRFR 001 FE Exam Attempted

### **PHYSICAL SCIENCE**

PSC 101	Principles of Physical Science Lecture
PSC 101L	Principles of Physical Science Laboratory
PSC 215	Applied Earth & Space Sciences Lecture
PSC 215L	Applied Earth & Space Sciences Laboratory
PSC 999	Physical Science Lecture
PSC 999L	Physical Science Laboratory

## **Health, Leisure and Sport Sciences Department**

Angela Watson, Ph.D., Chair

**Mission Statement:** The mission of the Health, Leisure, and Sport Sciences 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.

### **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 courses each semester and to pursue an individual fitness program. Most physical education activity courses

may be taken 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.

### **Health Fitness Requirements for ORU Graduates**

GHPE 503 – Graduate Health Fitness may be substituted with an additional activity course if the student successfully completed the required non-activity Health & Physical Education courses OR GHPE 503 while pursuing a previous degree at ORU. The additional activity class may be taken at either 0.5 or 1 credit hour as allowed by the course description and catalog.

### **Degree Programs**

In addition to the physical activity courses and aerobics requirements for all students, the Health, Leisure, and Sport Sciences department offers two majors, nine concentrations, 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 four areas of concentration: exercise specialist, pre-occupational therapy, pre-physical therapy, and pre-sports medicine. This major also includes an internship. This major is also excellent for students wanting to continue their studies in one of the Health, Leisure, and Sport Sciences Department's articulation agreements: occupational therapy and physical therapy.

The Exercise Specialist concentration can be completed in three years by following the degree-in-three plan sheet. More information is available from the Health, Leisure, and Sport Sciences Department.

### **Sport Management (B.S.)**

The sports management major prepares students for careers in all sections of the sports industry by providing a broad understanding of the field, while also

teaching specific skills in the areas of sport media, sport personnel management, sport law, sport marketing, and sport facility or event management. Students with this major may choose a concentration: sports sales and marketing, sports broadcasting and media relations, sports operations and analytics, and leisure. This major also includes an internship.

### **Minors**

Minors are offered in health and exercise science and sports management.

### **Sports & Leisure Administration (M.S.)**

The Master of Science in Sport & Leisure Administration prepares students to function as sport, fitness, or leisure administrators. The degree addresses program administration, finances and analytics, social media, marketing, event promotion, facility operations, and legal and ethical aspects of sport and leisure organizations.

Applicants to the MSLA must provide all required information to the University before the faculty review the material for admission decisions. The admissions committee will review completed applications based on the order of receipt and will communicate admission decisions to applicants as soon as possible. Upon notification of acceptance, the University requires students to sign Financial Guarantee Forms and return the forms with tuition deposits. The deposit applies to tuition at the time of registration. The funds remain refundable until 60 days before the start of the intended session, dependent on student notification to the Admissions Office.

All students must participate in the University's health and fitness program. A medical assessment form and immunization records must be completed following admission to the University and submitted before the first day of class.

Entrance requirements include a bachelor's degree or the recognized equivalent from an accredited institution. In addition, applications require the following: minimum undergraduate GPA of 2.50, personal sketch, three letters of recommendation, and final transcript indicating a complete bachelor's degree sent directly from the institution. To remain enrolled in the program, MSLA students must maintain at least a 3.00 GPA and be enrolled full-time in six credit hours.

### **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.

### **Special Opportunities**

The Fast Track Program allows ORU juniors and senior students to enroll concurrently in graduate courses and apply those hours toward a Master of Science (M.S.) provided they have been accepted into the M.S. program in their junior or senior year.

Students may register for a maximum of six semester hours of graduate courses per semester. Students may earn up to 18 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.

To participate in the M.S.L.A. Fast Track Program, a student needs to apply to the College of Science and Engineering graduate admissions. General criteria used for acceptance include a 2.50 GPA and an approved undergraduate major.

For additional information on Graduate Fast Track Programs, reference the Graduate Admissions section of the Catalog.

### **Occupational Therapy**

ORU has an articulation agreement with the University of Oklahoma-Tulsa (OU-Tulsa) for earning a Master of Science degree in occupational therapy. This program allows area students to complete a bachelor's and master's degree in occupational therapy in Tulsa. The first 90 hours, which includes general education and science classes, are taken at ORU and the remainder of the degrees at OU-Tulsa. Information is available in the ORU Health, Leisure, and Sport Sciences Department and at OU-Tulsa.

### **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 D.P.T. program in physical therapy. Further information is available in the ORU Health, Leisure and Sport Sciences 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 3.00 overall GPA;
- complete the Graduate Record Exam (GRE); document 40 hours experience/ observation in physical therapy;
- and complete the following prerequisite courses with a minimum of a "C" and 3.25 prerequisite GPA. (Prerequisites should not be taken pass/fail.): CHE 111 and 112, PHY 101 and 102, BIO 111, BIO 259, PHS 223 and 224, MAT 232, PSY 201, 301 and 338.

### **Awards**

In recognition of scholarship, leadership, and ORU lifestyle commitment, the Health, Leisure, and Sport Sciences 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 exercise science and sport management.
- Outstanding Health, Leisure, and Sport Sciences Senior Paper and Project: This recognizes the department's best senior research paper and project.

### **Health and Exercise Science Major**

#### **Bachelor of Science**

All health and exercise science majors take the following general education, major, and cognate, courses, and choose one of the four concentrations listed below.

<b>General Education</b>	<b>Credit Hours</b>
Intro to Whole Person Educ (GEN 150)	1
English (COMP 102, 303)	6
Foreign language	3
Oral Communication (COM 101)	3
Biblical Literature	4
Theology (THE 104 and 105)	4
Laboratory Science (lecture and lab) <sup>1</sup>	8-9
Mathematics (MAT 232 or 325) <sup>2</sup>	3
Civics	3
Humanities	6
Social Science (PSY 201)	3
Scaffolding Interdisciplinary Courses <sup>3</sup>	3-9
Health and Physical Education	4

General Education Total 48-57

### **Major**

HLSS 200	Introduction to Exercise Science	3
HLSS 231	Personal Health Science	3
HLSS 233	Safety and First Aid	3
HLSS 315	Organization and Administration of Programs	3
HLSS 316	Kinesiology and Biomechanics	3
HLSS 320	Prevention & Care of Sports Injuries	3
HLSS 324	Exercise Physiology	3
HLSS 402	Exercise Prescriptions for Special Populations	3
HLSS 412	Techniques of Health Fitness Eval.	3
HLSS 499	Senior Paper/Project	3

Major Total 30

### **Exercise Specialist Concentration**

BIO 259	Medical Terminology	2
HLSS 481	Internship in Health and Exercise Science	12
PHS 223	Human Anatomy (lecture and lab)	4
PHS 224	Human Physiology (lecture and lab)	4

Exercise Specialist Conc. Total 22

### **Exercise Specialist Cognate**

NUT 201	Nutrition	3
	Cognate Total	3
	Electives	8

Degree Total with Exercise Specialist Concentration 120

### **Pre-Occupational Therapy Concentration**

BIO 259	Scientific Terminology	2
HLSS 481	Internship in Health and Exercise Science	5
PHS 223	Human Anatomy (lecture and lab)	4
PHS 224	Human Physiology (lecture and lab)	4
PHY 101	General Physics (lecture and lab)	4
PSY 301	Developmental Psychology	3
PSY 338	Abnormal Psychology	3
SOC 101	Introduction to Sociology	3
SOC 300	Group Dynamics	3
SOC 420	Minority Group Relations	3

Concentration Total 34

<sup>1</sup> Students pursuing the exercise specialist conc. complete CHE 101/101L and BIO 101/101L (or BIO 150/150L). Students pursuing the pre-occupational therapy conc. Must take CHE 111/111L, BIO 111/111L, and BIO 105. Students pursuing

the pre-physical therapy or pre-sports medicine conc. must complete CHE 111/111L, BIO 111/111L, and BIO 105.

<sup>2</sup> Students pursuing a Pre-Occupational Therapy Concentration must take MAT 232

<sup>3</sup> Students pursuing a concentration in pre-occupational therapy or pre-physical therapy take GEN 356 only. Students pursuing a concentration in pre-sports medicine take GEN 304 only.

**Pre-Occupational Therapy Cognate**

NUT 201	Nutrition	3
PHP 100	Pre-Health Seminar	0.5
Cognate Total		4
Degree Total with Pre-Occupational Therapy Concentration		120

**Pre-Physical Therapy Concentration**

BIO 259	Medical Terminology	2
CHE 112	Chemistry II (lecture and lab)	4
HLSS 481	Internship in Health & Exer. Science	5
PHS 223	Human Anatomy (lecture and lab)	4
PHS 224	Human Physiology (lecture and lab)	4
PHY 101	General Physics I (lecture and lab)	4
PHY 102	General Physics II (lecture and lab)	4
PSY 301	Developmental Psychology	3
PSY 338	Abnormal Psychology	3
SOC 101	Introduction to Sociology	3
Pre-Physical Therapy Conc. Total		36

**Pre-Physical Therapy Cognate**

NUT 201	Nutrition	3
PHP 100	Pre-Health Seminar	0.5
Cognate Total		4
Degree Total with Pre-Physical Therapy Concentration		122

**Pre-Sports Medicine Concentration**

BIO 112	Introductory Biology II (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
HLSS 481	Internship in Health & Exer. Science	3
MAT 201	Calculus I	4
PHS 223	Human Anatomy (lecture and lab)	4
PHS 224	Human Physiology (lecture and lab)	4
PHY 101	General Physics I (lecture and lab)	4
PHY 102	General Physics II (lecture and lab)	4
Concentration Total		39

**Pre-Sports Medicine Cognate**

NUT 201	Nutrition	3
PHP 100	Pre-Health Seminar	0.5
Cognate Total		4
Degree Total with Pre-Sports Medicine Concentration		125

**Sport Management Major****Bachelor of Science**

General Education		Credit Hours
Intro to Whole Person Educ (GEN 150)		1
English (COMP 102, 303)		6
Foreign language		3
Oral Communication (COM 101)		3
Biblical Literature		4
Theology (THE 104 and 105)		4
Laboratory Science (lecture and lab)		4
Science Elective (CSC 201)		3
Mathematics (MAT 232)		3
Civics		3
Humanities		6
Social Science		3
Scaffolding Interdisciplinary Courses		9
Health and Physical Education		4
General Education Total		56

**Major**

HLSS 110	Field Experience Principles	1.5
HLSS 206	Introduction to Sports Management	3
HLSS 210	Field Experience Theories	1.5
HLSS 250	Sports, Leisure and Aging	3
HLSS 310	Field Experience Procedures	1.5
HLSS 375	Global Perspectives in Leisure/Sport Science	3
HLSS 410	Field Experience Leadership	1.5
HLSS 483	Internship in Sports Management	3
HLSS 499	Senior Paper/Project	3
Choose 9 hours from the following:		
HLSS 111	Field Experience Principles II	1.5
HLSS 211	Field Experience Theories II	1.5
HLSS 306	Sport Facility & Event Management	3
HLSS 311	Field Experience Procedures II	1.5
HLSS 318	Psychology of Human Performance	3
HLSS 343	Leadership in Sport & Leisure	3
HLSS 344	Programming in Sport & Leisure	3
HLSS 411	Field Experience Leadership II	1.5
HLSS 416	Legal & Ethical Aspects of Sport & Leisure	3
HLSS 420	Foundations of Amateur Athletics	3

HLSS 421	Applied Amateur Athletic Management	3
Major Total		30
Electives <sup>1</sup>		34
Degree Total		120

**Leisure Concentration**

HLSS 202	Introduction to Leisure	3
— —	Electives <sup>2</sup>	6
Leisure Concentration Total		9

**Sports Broadcasting and Media Relations Concentration**

Choice of group of the following		3-4
Group 1		
JRN 107	Newswriting 1	
JRN 108	Newswriting 1 Lab	
Group 2		
TVF 127	Introduction to Audio Production	
Group 3		
TVF 128	Principles of Audio Production	
— —	Electives <sup>2</sup>	5-6
Sports Broadcasting and Media Relations Concentration Total		9

**Sports Operations and Analytics Concentration**

— —	Electives <sup>2</sup>	9
Sports Operations and Analytics Concentration Total		9

**Sports Sales and Marketing Concentration**

MKT 130	Principles of Marketing	3
— —	Electives <sup>2</sup>	6
Sports Sales and Marketing Concentration Total		9

**Health and Exercise Science Minor**

This program is designed for students majoring in another discipline and who desire a minor in health promotion and applied exercise physiology.		
HLSS 233	Safety and First Aid	3
HLSS 316	Kinesiology and Biomechanics	3
HLSS 319	Applied Anatomy and Physiology	4
HLSS 324	Exercise Physiology	3
HLSS 412	Techniques of Health Fitness Evaluation	3
HLSS	Elective (300/400 level course)	2
Minor Total		18

**Leisure Science Minor**

HLSS 202	Introduction to Leisure Services	3
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<sup>1</sup> Students may complete a concentration in place of 9 hours of electives. Elective total for those with a concentration is 25.

<sup>2</sup> Electives as recommended by the Sport Management advisor.

HLSS 315	Organization and Administration of Programs	3
HLSS 331	Outdoor Leisure and Camps	3
HLSS 343	Leadership in Sports and Leisure Services	3
HLSS 344	Recreation Programming	3
HLSS	Electives (300/400 level course)	3
Minor Total		18

### **Sports Management Minor**

Choose 18 hours of the following:

HLSS 110	Field Experience Principles	1.5
HLSS 111	Field Experience Principles II	1.5
HLSS 206	Introduction to Sports Management	3
HLSS 210	Field Experience Theories	1.5
HLSS 211	Field Experience Theories II	1.5
HLSS 250	Sports, Leisure and Aging	3
HLSS 306	Sports Facility & Event Management	3
HLSS 310	Field Experience Procedures	1.5
HLSS 311	Field Experience Procedures II	1.5
HLSS 344	Programming in Sport and Leisure	3
HLSS 375	Global Perspectives in Sport and Leisure	3
HLSS 410	Field Experience Leadership	1.5
HLSS 411	Field Experience Leadership II	1.5
HLSS 416	Legal and Ethical Aspects of Sport and Leisure	3
HLSS 420	Foundations of Amateur Athletics	3
HLSS 421	Applied Amateur Athletic Management	3
Minor Total		18

### **Sport and Leisure Administration**

#### **Master of Science**

#### **ORU Distinctive Courses**

GSLA 502	Graduate Orientation	0
GHPE 503	Graduate Health Fitness	1
GMCM 510	Spirit-Empowered Ministry	2
ORU Distinctive Total		3

#### **Core**

GSLA 520	Sport and Leisure Administration	3
GSLA 525	Sports Marketing and Public Relations	3
GSLA 535	Facility Operations	3
GSLA 540	Sports Analytics	3
GSLA 550	Sport and Leisure Law	3
GSLA 593	Capstone Project	2
GSLA 595	Capstone Presentation	1

Major Total		18
<b>Specialized Electives<sup>1</sup></b>		
GSLA 610	Leading Sport Teams and Organizations	3
GSLA 620	Special Topics	1-3
GSLA 630	Directed Study	1-3
GSLA 640	Internship	1-3
Electives Total		9

Degree Total

30

### **Departmental Courses**

#### **Graduate Health and Physical Education**

GHPE 503	Graduate Health Fitness
GHPE 515	Graduate Aerobics
GHPE 525	Graduate Walk for Fitness
GHPE 703	Graduate Health Fitness
GHPE 715	Graduate Aerobics
GHPE 725	Graduate Walk for Fitness
GHPE 903	Graduate Health Fitness
GHPE 915	Graduate Aerobics
GHPE 925	Graduate Walk for Fitness
GHPE 999	Graduate Health and Physical Education Elective

#### **Health, Leisure and Sport Sciences**

HLSS 110	Field Experience Principles
HLSS 111	Field Experience Principles II
HLSS 200	Introduction to Exercise Science and Physical Education
HLSS 202	Introduction to Leisure Services
HLSS 206	Introduction to Sports Management
HLSS 210	Field Experience Theories
HLSS 211	Field Experience Theories II
HLSS 228	Theory of Coaching
HLSS 231	Personal Health Science
HLSS 233	Safety and First Aid
HLSS 250	Sports, Leisure, and Aging
HLSS 306	Sports Facility and Event Management
HLSS 310	Field Experience Procedures
HLSS 311	Field Experience Procedures II
HLSS 314	Motor Learning, Games, and Adaptive PE
HLSS 315	Organization and Administration of Programs
HLSS 316	Kinesiology and Biomechanics
HLSS 318	Psychology of Human Performance
HLSS 319	Applied Anatomy and Physiology
HLSS 320	Prevention and Care of Sports Injuries
HLSS 324	Exercise Physiology
HLSS 331	Outdoor Leisure and Camps
HLSS 343	Leadership in Sports and Leisure Services

HLSS 344	Programming in Sport and Leisure
HLSS 375	Global Perspectives in Sport and Leisure
HLSS 402	Exercise Prescription for Special Populations
HLSS 410	Field Experience Leadership
HLSS 411	Field Experience Leadership II
HLSS 412	Techniques of Health Fitness Evaluation
HLSS 416	Legal and Ethical Aspects of Sport and Leisure
HLSS 420	Foundations of Amateur Athletics
HLSS 421	Applied Amateur Athletics Management
HLSS 451	Directed Study
HLSS 452	HPE Methods and Evaluation
HLSS 481	Internship in Health and Exercise Science
HLSS 482	Internship in Leisure Science
HLSS 483	Internship in Sports Management
HLSS 499	Senior Paper/Project
HLSS 999	Health, Leisure and Sport Sciences Elective

#### **Health and Physical Education Activity Courses**

HPE 003	Total Conditioning
HPE 005	Fitness Club
HPE 006	Indoor Cycling
HPE 007	Basic First Aid and CPR and Fitness
HPE 012	Bowling and Fitness
HPE 013	Intermediate/Advance 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	Advanced Swimming and Fitness
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 034	Varsity Cheerleading and Fitness
HPE 036	Scuba and Fitness
HPE 037	Scuba Rescue and Fitness
HPE 038	Scuba Open Water II and Fitness

<sup>1</sup> Approved electives from any ORU graduate program can be used as an elective

HPE 039	Scuba Master Diver and Fitness
HPE 040	Advanced Scuba and Fitness
HPE 042	Creative Aerobics and Fitness
HPE 044	Step Aerobics and Fitness
HPE 045	Pilates for Christians and Fitness
HPE 046	Equestrian and Fitness
HPE 047	Intermediate Equestrian and Fitness
HPE 051	Volleyball and Fitness
HPE 054	Racquetball and Fitness
HPE 080	Adaptive Physical Education and Fitness
HPE 084	Self-Defense and Fitness
HPE 092	Exercise and Weight Control
HPE 093	Body Sculpting and Fitness
HPE 095	Beginning Mountain Biking and Fitness
HPE 096	Intermediate/Advanced Mountain Biking and Fitness
HPE 097	Backpacking and Fitness
HPE 098	Triathlon Training
HPE 099	Aerobics Proficiency
HPE 100	Walk for Fitness
HPE 101	Fitness for Life I
HPE 102	Fitness for Life II
HPE 120	Dance Aerobic Proficiency
HPE 124	Lifeguarding and Fitness
HPE 140	Varsity Sports
HPE 150	Rock Climbing and Fitness
HPE 155	Health Fitness
HPE 171	Discovering Health Fitness I
HPE 172	Discovering Health Fitness II
HPE 400	Lifelong Wellness
HPE 999	Health and Physical Education Activity Course Elective

***Proficiencies***

PRF 070	Swimming Proficiency
PRFH 007	First Aid and CPR Proficiency

# College of Theology and Ministry

Wonsuk Ma, Ph.D., Dean

William Buker, Ph.D., Associate Dean

**Mission Statement:** The Oral Roberts University College of Theology and Ministry 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

Daniel Bunn..... Assistant Professor of Old Testament  
B.A. Oral Roberts University, 2005;  
M.Div., Asbury Theological Seminary, 2009;  
Ph.D., Fuller Theological Seminary, 2015.

Christopher Foster..... Associate Professor of Biblical & Theological Studies and Chair of the Undergraduate Department of Theology  
B.A. Truman State University, 1999;  
M.Div., Oral Roberts University, 2003;  
M.A., University of Manchester (Nazarene Theological College), 2009;  
PhD, University of Manchester (Nazarene Theological College), 2013.

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

Kerry Loesch..... Lecturer of Ministry and Leadership  
B.A., Oral Roberts University, 1995;  
M.A., 1997.

Julie Ma..... Professor of Missions and Intercultural Studies  
B.A., Asia Pacific Theological Seminary, 1982;  
M.A., Asia Pacific Theological Seminary, 1983;  
M.A., Fuller Theological Seminary, 1993;  
Ph.D., Fuller Theological Seminary, 1996.

Eric Newberg..... Senior Professor of Theology  
B.A., University of Kansas, 1970;  
M.A., Pacific School of Religion, 1975;  
M.Div., North Park Theological Seminary, 1979;  
Ph.D., Regent University, 2008.

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

Jeffrey K. Voth..... Professor of Practical Theology

B.A., Oral Roberts University, 1984;  
M.A., Trinity Theological Seminary, 2002;  
M.Div., Oral Roberts University, 2006;  
D.Min., Denver Seminary, 2010.

### Graduate

James Barber..... Assistant Professor of Practical Theology  
B.S., Virginia Polytechnic Institute and State University, 1974;  
M.Div. Oral Roberts University, 1991;  
D.Min. 1997.

James Breckenridge..... Professor of Theology  
B.A., Lee College, 1964;  
M.Div., Covenant Theological Seminary, 1968;  
Th.M., Trinity Divinity School, 1973;  
Th.D., Concordia Theological Seminary, 1991.

William Buker..... Senior Professor of Professional Counseling and Associate Dean of the College of Theology and Ministry  
B.A., Oral Roberts University, 1982;  
M.Div., 1986; M.A., 1993; D.Min., 1998;  
Ph.D., Oklahoma State University, 2012.

Teresa Edwards..... Assistant Professor of Professional Counseling  
B.M, Oral Roberts University, 1997;  
M.A., Oral Roberts University, 2005;  
Ph.D., Regent University, 2019.

Tim Ekblad..... Assistant Professor of Practical Theology  
B.A., North Central University, 1983;  
M.Div., Oral Roberts University, 1995;  
D.Min., 2000.

Trevor Grizzle..... Senior Professor of New Testament  
B.A., Lee College, 1975;  
M.Div., Southwestern Baptist Theological Seminary, 1978;  
Ph.D., 1984.

Larry Hart..... Senior Professor of Theology  
B.A., Oral Roberts University, 1970;  
M.Div., Southern Baptist Theological Seminary, 1973;  
Ph.D., 1978.

William Lyons..... Professor of Old Testament Studies and Semitic Languages  
B.A., Oral Roberts University, 1979;  
M.A., University of Wisconsin-Madison, 1989;  
Ph.D., Florida State University, 2003.

Wonsuk Ma..... Distinguished Professor of Global Christianity and Dean of the College of Theology and Ministry  
B.B.S., Asia Pacific Theological Seminary, 1981;  
M.Div., Far East Advanced School of Theology, 1983;  
Ph.D., Fuller Theological Seminary, 1996.

Greg Meyer..... Associate Professor of Professional Counseling  
B.G.S., University of Kansas, 2005;  
M.A., Richmond Graduate University, 2009;

Ph.D., Auburn University, 2015.

Sandra K. Richardson..... Professor of Professional Counseling  
B.S., Oklahoma State University, 1981;  
M.A., Oral Roberts University, 1990;  
Ed.D., 2008.

Raymond Smith..... Associate Professor of Missions  
B.S., Southwestern College of Christian Ministries, 1991;  
M.A., Oral Roberts University, 1993;  
D.Miss., Asbury Theological Seminary, 1999.

John P. Thompson..... Professor of Missiology and Leadership  
B.A., Oral Roberts University, 1990;  
M.A., Oral Roberts University, 1992;  
D.S.L, Regent University, 2007.

R. Samuel Thorpe..... Senior Professor of Philosophy and Theological Studies  
B.A., University of Arkansas, 1971;  
M.A., Oral Roberts University, 1981;  
Ph.D., University of Tulsa, 1989.

Andrea Walker..... Senior Professor of Professional Counseling  
B.S., Oral Roberts University 1993;  
M.S., Southern Nazarene University, 1995;  
Ph.D., Oklahoma State University, 2002.

Edward Watson..... Senior Professor of Biblical Literature and Practical Theology  
B.A., Southern Baptist College, 1987;  
M.A., Oral Roberts University, 1994;  
Th.M., Duke University Divinity School, 1996;  
Ph.D., Baylor University, 2005.

William M. Wilson..... President and Professor of Theology  
B.S., Western Kentucky University, 1979;  
M.A., Pentecostal Theological Seminary, 1998;  
D.Min., 2012.

### Emeriti Faculty

Dr. Oon-Chor Khoo	1977-1996
Dr. M. Robert Mansfield	1978-2012
Dr. Thomson K. Mathew	1996-2018
Dr. Angharad Ann Brandsford Young	1981-2013
Dr. Brad Young	1987-2018
Dr. Cheryl Iverson	1989-2018

### Overview

Basic to the purpose of Oral Roberts University, a pre-eminent charismatic university, is its commitment to the historic Christian faith, to assist students in their quest for knowledge of their relationship to God and man and the universe. Ministry and clinical practicals and internships are available, and required by most degree programs. The seminary offers M.DIV., M.A. (both academic and professional), D.MIN. and PH.D. degrees.

## Undergraduate Theology Department

Christopher Foster, PhD, 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**

#### ***Biblical Literature (B.A.)***

The greatest asset for effective integration of truth is a solid knowledge of the Bible. Therefore, courses in Biblical Literature are designed to give students an understanding and appreciation of the Word of God and its application. The biblical literature focus exposes students to a broad spectrum of hermeneutical and exegetical perspectives, tools, and methods so that they may interpret the Bible responsibly and perceptively within a theological-historical framework. Courses in Hebrew and Greek are intended to equip students in language skills needed for studies in the Old and New Testaments, as well as to give them a working knowledge of the biblical languages.

Students who choose the biblical literature major choose one of three concentrations. All three concentrations focus on the content of the Bible. English Bible covers the entire Bible; Old Testament emphasizes the content of the Old Testament with the acquisition of the Hebrew language; and the New Testament concentration emphasizes the content of the New Testament with the acquisition of the Greek language.

#### ***Christian Caregiving and Counseling (B.A.)***

This major 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, counseling, and an assessment of each approach's suitability and adaptability for use in Christian ministry. Although this major does not grant the graduate a counseling license, this training does provide 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.

#### ***Global Ministry and the Marketplace (B.A.)***

This major is designed to prepare students to minister in traditional and non-traditional ways in the global marketplace by combining missions and business. Coursework includes theology, ethics, entrepreneurship, business, Bible, and intercultural studies, and a required minor in business. The major is designed to equip business-minded students to be creative in their calling to have a global influence as they learn biblically sound and theologically balanced ways to minister in local, global, and cross-cultural contexts. Students are prepared for careers in entrepreneurship, global leadership, non-profit leadership, cross-cultural ministry and church leadership.

Some of the educational benefits of the program include the following: (1) integrating biblical principles and business concepts for global ministry; (2) learning traditional and non-traditional ministry practices for the marketplace; (3) developing a creative ministry plan for global influence; (4) training in biblically sound and theologically balanced marketplace ministry; and (5) preparing for local, global, and cross-cultural ministry.

#### ***Ministry and Leadership (B.A.)***

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.

Students in this major choose one of six concentrations: (1) church leadership, (2) evangelism and outreach, (3) local church pastor, (4) intercultural studies, (5) sports ministry, or (6) youth and family ministries. Each concentration includes a cognate of hermeneutics, apologetics, research, systemic theology, and an Old or New Testament elective. This major provides the student with an in depth exploration of Christian leadership within the context of professional ministry and equips the student for his or her calling within a wide variety of leadership roles within local church and para-church ministries.

#### ***Historical and Philosophical Studies (B.A.)***

Christian maturity involves the ability to learn from the past, to think deeply, and to formulate an integrated and balanced Christian theology of life with clearly defined goals, purposes, and values.

This area emphasizes the essentials of Christian belief faithfully preserved by the ancient Church in the universally accepted creeds and clearly articulated by the great Christian thinkers of the past and present. Therefore, courses in history, theology, and philosophy seek to give students a comprehension of the Christian past and an understanding of the theological and philosophical dimensions of the Christian faith and its contemporary expressions. "Always be ready to give a defense to everyone who asks you a reason for the hope that is within you . . ." (1 Peter 3:15). The 21st century will be filled with a multitude of worldviews and ideas about the nature of reality and truth. Theological studies at ORU prepares students to go into the marketplace of religious thought and practice to testify to the Truth.

### **Degree in Three**

The Undergraduate Theology Department offers the Ministry and Leadership major that industrious students can complete in three years. Students with this major choose one of the following concentrations: Church Leadership, Evangelism and Outreach, Local Church Pastor, Intercultural Studies or Youth and Family Ministries. Completing a major in three years involves taking courses in the summers, including the summer before a student's freshman year. Degree plan sheets that show how the degrees can be completed in three years are available in the Undergraduate Theology Department.

### **Special Opportunities**

#### ***Trips to Israel and Turkey***

Every other year, students have the opportunity to accompany a professor to the Holy Land and/or Turkey to visit ancient cities, archaeological digs, and historical museums. These trips provide insight and background for biblical studies and provide great experience for students.

#### ***Study Abroad***

Students have the opportunity to spend a semester or two in Jerusalem for college credit and cultural study. Students may broaden their horizons and receive education unavailable in a standard American classroom setting.

### **Missions Trips**

Each year ORU's missions program offers students the chance to engage in a short-term mission trip and sends approximately 200 students to various destinations around the world. Week-long trips occur over fall and spring breaks and month-long trips are taken during the summer. Missions trips have taken ORU students world-wide.

Students may contact ORU missions and outreach department for more information.

### **Fast Track Program**

The Fast Track Program allows ORU students who are seniors 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 must be enrolled in a minimum of 12.0 undergraduate credit hours to participate in this program. 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 interested in the Fast Track program must meet the following requirements:

- Complete a Fast Track Program application form. This form is available in the admissions office.
- Have completed a minimum of 90 semester hours of undergraduate coursework.
- Have a minimum grade point average of 3.00.
- Need less than a full course load for graduation.
- Additional information is available from the admissions office.

### **Advanced Standing**

ORU undergraduate theology students can receive advanced standing towards a graduate degree for undergraduate theology courses that have been completed

with a "B" or better. The amount of credit that be awarded through advanced standing is based on the undergraduate courses completed and the graduate program that the student is pursuing.

Additional information can be obtained in the graduate school of theology and ministry.

### **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, historical and theological studies, ministry and leadership, global ministry and the marketplace and Christian caregiving and counseling.

The Overall Outstanding Graduate is selected by the faculty based on academic achievement, Christian service and godly character.

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

**Zondervan/Oral Roberts University Greek, Hebrew and Theology Awards:**  
Zondervan Publishing House recognizes outstanding achievement in the study of Biblical Greek, Biblical Hebrew and theology 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 required courses for each award.

### **Biblical Literature Major**

#### **Bachelor of Arts**

Students choose a concentration in English Bible, New Testament or Old Testament and corresponding cognate.

<b>General Education</b>	<b>Credit Hours</b>
Intro to Whole Person Educ (GEN 150)	1
English (COMP 102, 303)	6
Foreign language	6
Oral Communication (COM 101)	3
Biblical Literature <sup>1</sup>	6
Theology (THE 104 and 105)	4
Laboratory Science (lecture and lab)	4
Mathematics (MAT 232)	3
Civics	3
Humanities	6

Social Science Elective	3
Scaffolding Interdisciplinary Courses <sup>2</sup>	9
Health and Physical Education	4
<b>General Education Total</b>	<b>58</b>

### **Major**

CHRM 395 Intercultural Field Experience	1
THE 398 Research Practicum	2
THE 499 Senior Paper	3
<b>Major Total</b>	<b>6</b>

### **English Bible Concentration**

The English Bible concentration 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.

BIB ____ Electives in Old Testament <sup>3</sup>	12
BIB ____ Electives in New Testament <sup>3</sup>	12
<b>EB Concentration Total</b>	<b>24</b>

### **Cognate**

BIB 306 Hermeneutics	3
PHIL 302 Introduction to Philosophy	3
THE 217 Seminar for Theological Research	3
THE 461 History of Christianity I: Early Church	3
Choice of one of the following courses:	3
CCC 303 Issues and Identity of the Caregiver	
CHRM 315 Spirit-Empowered Pastoral Care	
Choice of one of the following courses:	3
CHRM 305 Teaching the Bible	
CHRM 340 Sermon Preparation and Preaching	
Choice of one of the following courses:	3
THE 299 Introduction to Theology	
THE 320 Systematic Theology	
Choice of one of the following courses:	3
THE 303 Major Religions of the World	
THE 415 Christian Apologetics	

<b>EB Cognate Total</b>	<b>24</b>
<b>Electives</b>	<b>9</b>

<b>Degree Total with English Bible Concentration</b>	<b>121</b>
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### **Old Testament Concentration**

The Old Testament concentration leads the student in an in-depth examination of the contents of the Old Testament and requires instruction in Biblical Hebrew and exegesis of the Hebrew text.

BIB 311 Biblical Hebrew I	3
BIB 312 Biblical Hebrew II	3

<sup>1</sup> BIB 222 and BIB 261.

<sup>2</sup> Choose from GEN 301, 356, 380\*, 420\*, 434\*. At least one course must be chosen from those marked with asterisks.

<sup>3</sup> May include HIS 372 as an elective in either Old or New Testament.

BIB 319	Hebrew Exegesis	3
BIB 332	Old Testament Historical Books	3
BIB 421	Pentateuch	3
BIB 424	Hebrew Prophets	3
BIB 455	IS: Semitic Languages	3
BIB 455	IS: Hebrew Exegesis II	3
BIB ____	Old Testament elective	3

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OT Concentration Total 27

### **Cognate**

BIB 306	Hermeneutics	3
PHIL 302	Introduction to Philosophy	3
THE 217	Seminar for Theological Research	3
THE 461	History of Christianity I: Early Church	3
Choice of one of the following courses:		3
BIB 455	IS: Textual Research of the Bible	
CHRM 315	Spirit-Empowered Pastoral Care	
Choice of one of the following courses:		3
CHRM 305	Teaching the Bible	
CHRM 340	Sermon Preparation and Preaching	
Choice of one of the following courses:		3
THE 299	Introduction to Theology	
THE 320	Systematic Theology	
Choice of one of the following courses:		3
THE 303	Major Religions of the World	
THE 415	Christian Apologetics	

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Old Testament Cognate Total 24  
Electives 6

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Degree Total with Old Testament Concentration 121

### **New Testament Concentration**

The New Testament concentration leads the student in an in-depth examination of the contents of the New Testament and requires instruction in Biblical Greek and exegesis of the Greek text.

BIB 251	Biblical Greek I	3
BIB 252	Biblical Greek II	3
BIB 346	Luke-Acts	3
BIB 351	Greek Exegesis	3
BIB 352	Greek Exegesis II	3
BIB 362	Jesus and the Gospels	3
BIB 364	Pauline Epistles	3
BIB 372	Revelation and the Writing of John	3
BIB 438	Intertestamental Literature	3
NT Concentration Total		27

### **Cognate**

BIB 306	Hermeneutics	3
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PHIL 302	Introduction to Philosophy	3
THE 217	Seminar for Theological Research	3
THE 461	History of Christianity I: Early Church	3

Choice of one of the following courses: 3

BIB 455	IS: Textual Research of the Bible	
CHRM 315	Spirit-Empowered Pastoral Care	
Choice of one of the following courses:		3
CHRM 305	Teaching the Bible	
CHRM 340	Sermon Preparation and Preaching	

Choice of one of the following courses: 3

THE 299	Introduction to Theology	
THE 320	Systematic Theology	
Choice of one of the following courses:		3
THE 303	Major Religions of the World	
THE 415	Christian Apologetics	

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New Testament Cognate Total 24

Electives 6

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Degree Total with New Testament Concentration 121

## **Christian Caregiving and Counseling**

### **Major**

#### **Bachelor of Arts**

<b>General Education</b>	Credit Hours
Intro to Whole Person Educ (GEN 150)	1
English (COMP 102, 303)	6
Foreign language	6
Oral Communication (COM 101)	3
Biblical Literature	6
Theology (THE 104 and 105)	4
Laboratory Science (lecture and lab)	4
Mathematics (MAT 232)	3
Civics	3
Humanities	6
Social Science Elective <sup>1</sup>	3
Scaffolding Interdisciplinary Courses <sup>2</sup>	9
Health and Physical Education	4
General Education Total	58

### **Major**

CCC 301	Introduction to Christian Caregiving	3
CCC 303	Issues and Identity of the Caregiver	3
CCC 321	Pastoral Approaches to Counseling	3
CCC 339	Developing Helping Skills	3
CCC 411	Practical Applications of Helping Skills	3
CCC 429	Substance Abuse	3
CCC 450	Counseling Research	3

PSY 212	Social Psychology <sup>3</sup>	3
PSY 338	Psychology or Abnormal Behavior <sup>3</sup>	3

THE 499	Senior Research Practicum/Project	3
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CHRM 395 Intercultural Field Experience 1

Choice of one of the following courses: 3

CCC 332	Lifespan Development	
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PSY 301	Developmental Psychology <sup>3</sup>	
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Choice of one of the following courses: 3

CCC 324	Found. of Personality Development	
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PSY 321	Psychology of Personality Development <sup>3</sup>	
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Major Total 37

### **Cognate**

CHRM 302	Christian Leadership	3
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PHIL 401	Ethics	3
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PSY 201	Principles of Psychology	3
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Choice of one of the following two courses: 3

THE 299	Introduction to Theology	
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THE 320	Systematic Theology	
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Cognate Total 12

Required Minor<sup>4</sup> 18

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Degree Total 125

## **Global Ministry and the Marketplace**

### **Major**

#### **Bachelor of Arts**

This major is designed to prepare students to minister in traditional and non-traditional ways in the global marketplace by combining missions and business. Students will complete courses in Bible, theology, ethics, apologetics and missions with a required minor in business. The major is designed to equip business minded students to be creative in their calling to have a global influence as they learn biblically sound and theologically balanced ways to minister in local, global and cross-cultural contexts. Students will be prepared for careers in various business and leadership positions as well as church administration, missions, pastoral and non-profit leadership. Students are required to complete a minor in general business.

#### **General Education** Credit Hours

Intro to Whole Person Educ (GEN 150)	1
English (COMP 102, 303)	6
Foreign language	6
Oral Communication (COM 101)	3
Biblical Literature <sup>5</sup>	6

<sup>1</sup> Choose from BUS 201; FIN 244; MUS 208; SOC 101, 201, 323; SWK 202.

<sup>2</sup> Choose from GEN 301, 356, 380\*, 420\*, 434\*. At least one course must be chosen from those marked with asterisks.

<sup>3</sup> These courses cannot be used towards fulfilling the required behavior sciences minor if they are used in the major.

<sup>4</sup> Required minor psychology, sociology, or social justice.

<sup>5</sup> BIB 222 and BIB 261.

Theology (THE 104 and 105)	4	Intro to Whole Person Educ (GEN 150)	1
Laboratory Science (lecture and lab)	4	English (COMP 102, 303)	6
Mathematics (MAT 232)	3	Foreign language	6
Civics	3	Oral Communication (COM 101)	3
Humanities	6	Biblical Literature <sup>2</sup>	6
Social Science Elective <sup>1</sup>	3	Theology (THE 104 and 105)	4
Scaffolding Interdisciplinary Courses	9	Laboratory Science (lecture and lab)	4
Health and Physical Education	4	Mathematics (MAT 232)	3
		Civics	3
General Education Total	58	Humanities	6
		Social Science Elective	3
<b>Major</b>		Scaffolding Interdisciplinary Courses <sup>3</sup>	9
CHRM 302 Christian Leadership	3	Health and Physical Education <sup>9</sup>	4
GMMP 499 Senior Paper	3		
ENT 250 Entrepreneurship	3	General Education Total	58
ENT 325 New Venture Creation	3		
MGT 465 Administration of Non-Profit Organizations	3	<b>Major</b>	
MISS 325 Introduction to Christian Missions	3	CHRM 395 Intercultural Field Experience	1
MISS 350 Missions and Culture	3	PHIL 302 Introduction to Philosophy	3
MISS 396 Internship Preparation	1	PHIL 401 Ethics	3
MISS 398 Global Ministry & the Marketplace Internship	2	PHIL 470 Philosophy of Religion	3
MISS 401 Ministry and Business	3	THE 299 Introduction to Theology	3
PHIL 401 Ethics	3	THE 320 Systematic Theology	3
THE 303 Major Religions of the World	3	THE 353 History of Christianity in America	3
Major Total	30	THE 461 Hist. of Christianity I: The Early Church	3
		THE 398 Research Practicum	2
<b>Cognate</b>		THE 499 Senior Paper	3
BIB 306 Hermeneutics	3	Choice of one of the following courses:	3
BIB Elective	3	THE 303 Major Religions of the World	
THE 217 Seminar in Theological Research	3	THE 415 Christian Apologetics	
THE 299 Introduction to Theology	3	Choice of two of the following courses:	6
THE 415 Christian Apologetics	3	PHIL 299 Philosophy of Science	
Choose one of the following two courses:	3	PHIL 473 Philosophy/Theology in Modern Culture	
CHRM 305 Teaching the Bible		THE 380 Israel: The People & the Land <sup>4</sup>	
CHRM 340 Sermon Preparation and Preaching		THE 404 Life & Legacy: C. S. Lewis	
		THE 420 Biblical Approach to Middle-Eastern Literature <sup>4</sup>	
Cognate Total	18	THE 445 Charismatic Theology	
General Business Minor	18	THE 464 Prayer	
Degree Total	124	Major Total	36
		<b>Cognate</b>	
		BIB 306 Hermeneutics	3
		BIB Old Testament Elective	3
		BIB New Testament Elective	3
		PHIL Philosophy Elective	3
		THE 217 Seminar in Theological Research	3
		Choice of one of the following courses:	3
		CHRM 305 Teaching the Bible	
		CHRM 340 Sermon Preparation and Preaching	

### **Historical and Philosophical Theology Major**

#### **Bachelor of Arts**

The Historical and Philosophical Theology Major enables the student to integrate the various doctrines of the Christian faith into a consistent whole, providing the foundation for pursuing a ministerial or academic calling.

**General Education** Credit Hours

<sup>1</sup> Choose from FIN 244; MUS 208; SOC 101, 201, 323; SWK 202.

<sup>2</sup> BIB 222 and BIB 261.

<sup>3</sup> Choose from GEN 301, 356, 380\*, 420\*, 434\*. At least one course must be chosen from those marked with asterisks.

<sup>4</sup> These courses are Equivalent Course: GEN 380 and GEN 420 but may only be used to fulfill either the scaffolding interdisciplinary requirements or the major elective requirements.

<sup>5</sup> Students completing the concentration in intercultural studies enroll in MISS 396 for

Cognate Total	18
Electives Total	9
Degree Total	121

### **Ministry and Leadership Major**

#### **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) church Leadership, (2) evangelism and outreach, (3) local church pastor, (4) intercultural studies, (5) sports ministry, or (6) youth and family ministries.

#### **General Education** Credit Hours

Intro to Whole Person Educ (GEN 150)	1
English (COMP 102, 303)	6
Foreign language	6
Oral Communication (COM 101)	3
Biblical Literature <sup>2</sup>	6
Theology (THE 104 and 105)	4
Laboratory Science (lecture and lab)	4
Mathematics (MAT 232)	3
Civics	3
Humanities	6
Social Science Elective	3
Scaffolding Interdisciplinary Courses <sup>3</sup>	9
Health and Physical Education	4

General Education Total 58

#### **Major**

CHRM 398 Ministry Practicum <sup>5</sup>	3
THE 499 Senior Paper <sup>6</sup>	3

Major Total 6-7

#### **Church Leadership Concentration**

This concentration is designed to educate and equip students to become church administrators. Students are trained in multiple aspects of 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.

CHRM 302 Christian Leadership	3
CHRM 318 Global Leadership	3

one credit hour and MISS 397 for two credit hours. Students completing the concentration in sports ministry enroll in HLSS 483.

<sup>6</sup> Students completing the concentration in intercultural studies enroll in MISS 499.

CHRM 460 Church Administration	3
MGT 130 Principles of Management	3
PHIL 401 Ethics	3
Choose one of the following two courses:	3
CHRM 305 Teaching the Bible	
CHRM 340 Sermon Preparation and Preaching	
Choice of one of the following courses:	3
CHRM 307 Urban Outreach Ministries	
CHRM 351 Team Ministry	
MISS 404 Church Growth and Planting	
Choice of one of the following courses:	3
MGT 352 Organizational Behavior	
MGT 465 Administration of Non-Profit Organizations	

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Church Leadership Concentration Total	24
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**Cognate**

BIB 306 Hermeneutics	3
BIB Old Testament elective	3
BIB New Testament elective	3
THE 217 Seminar in Theological Research	3
Choice of one of the following courses:	3
THE 299 Introduction to Theology	
THE 320 Systematic Theology	
Choice of one of the following courses:	3
THE 303 Major Religions of the World	
THE 415 Christian Apologetics	
Cognate Total	18
Minor and/or Electives	18
Degree Total with Church Leadership Concentration	124

**Evangelism and Outreach Concentration**

This concentration is designed to prepare students for leadership and service in the professional capacity of itinerant evangelist or staff evangelist.

CHRM 302 Christian Leadership	3
CHRM 307 Urban Outreach Ministries	3
CHRM 315 Spirit-Empowered Pastoral Care	3
CHRM 335 Introduction to Evangelism	3
CHRM 402 Discipleship of Small Groups	3
CHRM 430 Local Church Outreach	3
CHRM 460 Church Administration	3
Choose one of the following two courses:	3
CHRM 305 Teaching the Bible	
CHRM 340 Sermon Preparation and Preaching	
Choice of one of the following:	3
CHRM 310 Youth Culture and Faith Development	
CHRM 351 Team Ministry	
MISS 350 Missions and Culture	
MISS 404 Church Growth and Planting	

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EVO Concentration Total	27
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**Cognate**

BIB 306 Hermeneutics	3
BIB Old Testament elective	3
BIB New Testament elective	3
THE 217 Seminar in Theological Research	3
Choice of one of the following courses:	3
THE 299 Introduction to Theology	
THE 320 Systematic Theology	
Choice of one of the following courses:	3
THE 303 Major Religions of the World	
THE 415 Christian Apologetics	

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Cognate Total	18
Electives	12

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Degree Total with Evangelism and Outreach Concentration	121
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**Intercultural Studies Concentration**

This concentration is designed to educate and prepare students to fulfill Jesus' commission to reach all nations with the witness of God's saving love. It is designed for students preparing for all types of service as domestic or foreign missionaries or tent-makers in both long-term and short-term cross-cultural ministry. It is also arranged to educate students for duties as church mission directors or supervisors.

CHRM 315 Spirit-Empowered Pastoral Care	3
CHRM 318 Global Leadership	3
HIS 490 DS: Cultural Geography	3
MISS 325 Introduction to Christian Missions	3
MISS 333 Theology of Missions	3
MISS 350 Missions and Culture	3
MISS 404 Church Growth and Planting	3
THE 303 Major Religions of the World	3
INS Concentration Total	24

**Cognate**

BIB 306 Hermeneutics	3
BIB Old Testament elective	3
BIB New Testament elective	3
THE 217 Seminar in Theological Research	3
Choice of one of the following courses:	3
CHRM 305 Teaching the Bible	
CHRM 340 Sermon Preparation and Preaching	
Choice of one of the following courses:	3
THE 299 Introduction to Theology	
THE 320 Systematic Theology	

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Cognate Total	18
Electives	15

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Degree Total with International Studies Concentration	122
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**Local Church Pastor Concentration**

The local church pastor concentration is designed to educate and equip students to prepare God's people for righteous living and works of service so that the body of Christ is built and flourishes. Students receive broad knowledge and a diversity of skills in pastoral care, preaching, teaching the Bible, evangelism, mission work, and discipleship to develop pastoral attitudes and abilities that help them train, supervise, lead, and nurture a local congregation of believers.

CHRM 315 Spirit-Empowered Pastoral Care	3
CHRM 340 Sermon Preparation and Preaching	3
PHIL 401 Ethics	3
CHRM 460 Church Administration	3
MISS 404 Church Growth and Planting	3
THE 461 Hist. of Christianity I: Early Church	3
Choice of one of the following courses:	3
CHRM 302 Christian Leadership	
CHRM 351 Team Ministry	
Choice of one of the following courses:	3
CHRM 307 Urban Outreach Ministries	
CHRM 335 Introduction to Evangelism	
CHRM 430 Local Church Outreach	
MISS 325 Introduction to Missions	

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LCP Concentration Total	24
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**Cognate**

BIB 306 Hermeneutics	3
BIB Old Testament elective	3
BIB New Testament elective	3
THE 217 Seminar in Theological Research	3
Choice of one of the following courses:	3
THE 299 Introduction to Theology	
THE 320 Systematic Theology	
Choice of one of the following courses:	3
THE 303 Major Religions of the World	
THE 415 Christian Apologetics	

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Cognate Total	18
Electives	15

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Degree Total with Local Church Pastor Concentration	121
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**Sports Ministry Concentration**

CCC 321 Christian Applications to Counseling	3
CCC 324 Personality Development	3
CCC 339 Developing Helping Skills	3
CCC 405 Crisis Intervention	3
HLSS 206 Intro to Sport Management	3
HLSS 318 Psychology of Human performance	3
HLSS 375 Global Perspective of Sports	3
HLSS 416 Legal Aspects of Sports	3

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SPMC Concentration Total	24
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**Cognate**

BIB 306	Hermeneutics	3
PHIL 401	Ethics	3
THE 217	Seminar in Theological Research	3
THE 299	Introduction to Theology	3
THE 415	Christian Apologetics	3
THE 464	Prayer	3

Cognate Total	18
Electives	15

Degree Total with Sports Ministry Concentration	121
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**Youth & Family Ministries Concentration**

The youth and family ministries concentration is designed to educate and equip students to be youth and family ministers in the local church. They gain an understanding of the foundations for ministry, roles and relationship of the youth minister, and administrative principles and strategies. Students receive broad knowledge and a diversity of skills in pastoral care, preaching, teaching the Bible, evangelism, mission work, and discipleship.

CHRM 310	Youth Culture & Faith Development	3
CHRM 317	Introduction to Youth Ministry	3
CHRM 351	Team Ministry	3
CHRM 431	Media and Technology in Ministry	3
CHRM 453	Pastoral Care of Families with Youth	3
CHRM 460	Church Administration	3
Choice of one of the following:		3
CHRM 305	Teaching the Bible	
CHRM 340	Sermon Preparation and Preaching	
Choice of two of the following:		6
CHRM 302	Christian Leadership	
CHRM 307	Urban Outreach Ministries	
CHRM 402	Discipleship of Small Groups	

YMN Concentration Total	27
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**Cognate**

BIB 306	Hermeneutics	3
BIB	Old Testament elective	3
BIB	New Testament elective	3
THE 217	Seminar in Theological Research	3
Choice of one of the following courses:		3
THE 299	Introduction to Theology	
THE 320	Systematic Theology	
Choice of one of the following courses:		3
THE 303	Major Religions of the World	
THE 415	Christian Apologetics	

Cognate Total	18
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Electives	12
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Degree Total with Youth and Family Ministries Concentration	121
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**Christian Leadership Minor**

CHRM 302	Christian Leadership	3
CHRM 318	Global Leadership	3
MGT 130	Principles of Management	3
PHIL 401	Ethics	3
Choice of two of the following courses:		6
CHRM 340	Sermon Preparation and Preaching	
MGT 465	Administration of Nonprofit Organizations	
MGT 352	Organizational Behavior	
CHRM 460	Church Administration	

Minor Total	18
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**Biblical Languages Minor**

BIB 251	Biblical Greek I	3
BIB 252	Biblical Greek II	3
BIB 311	Biblical Hebrew I	3
BIB 312	Biblical Hebrew II	3
BIB 319	Hebrew Exegesis	3
BIB 351	Greek Exegesis I	3

Minor Total	18
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**Christian Apologetics Minor**

PHIL 302	Introduction to Philosophy	3
THE 299	Introduction to Theology	3
THE 415	Christian Apologetics	3
Choice of three of the following courses:		9
PHIL 299	Philosophy of Science	
PHIL 470	Philosophy of Religion	
PHIL 473	Theology & Philosophy in Modern Culture	
THE 303	Major Religions of the World	
THE 455	DS: Jesus is the Thesis	

Minor Total	18
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**Christian Caregiving Minor**

PSY 201	Principles of Psychology	3
CCC 301	Introduction to Christian Caregiving	3
CCC 324	Found of Personality Development	3
CCC 332	Lifespan Development	3
CCC 339	Developing Helping Skills	3
Choice of one of the following:		3
CCC 303	Issues and Identity of the Caregiver	
CCC 321	Christian Approaches to Counseling	
CCC 405	Crisis Intervention	
CCC 426	Assessment and Evaluation	

CCC 429	Substance Abuse	
PSY 338	Psychology of Abnormal Behavior	

Minor Total	18
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**Church Administration Minor**

CHRM 302	Christian Leadership	3
CHRM 460	Church Administration	3
MGT 130	Principles of Management	3
MGT 465	Administration of Nonprofit Organizations	3
Choice of two of the following:		6
CHRM 307	Urban and Outreach Ministries	
COM 300	Organizational Communication	
MGT 352	Organizational Behavior	
MISS 404	Church Growth and Planting	

Minor Total	18
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**Church History/Systematic Theology Minor**

THE 320	Systematic Theology	3
THE 461	Hist. of Christianity I: Early Church	3
THE 462	History of Christianity II: Medieval Church	3
THE 463	Hist. of Christianity III: Reformation to the Present	3
THE/PHIL	Elective	6

Minor Total	18
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**English Bible Minor**

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

BIB 306	Hermeneutics <sup>1</sup>	3
BIB	Electives <sup>2</sup>	15

Minor Total	18
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**Evangelism and Outreach Minor**

CHRM 335	Introduction to Evangelism	3
CHRM 430	Local Church Outreach	3
Choice of one of the following courses:		3
CHRM 305	Teaching the Bible	
CHRM 340	Sermon Preparation/Preaching	
Choice of three of the following courses:		9
BIB 306	Hermeneutics <sup>3</sup>	
CHRM 307	Urban Outreach Ministries	
CHRM 317	Introduction to Youth Ministry	
CHRM 402	Discipleship and Small Groups	
CHRM 431	Media and Technology in Ministry	
MISS 404	Church Growth and Planting	
THE 415	Christian Apologetics	

Minor Total	18
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**Missions Minor**

MISS 300	History of Missions	3
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<sup>1</sup> If BIB 306 is taken as part of the student's major, then it must be replaced by an Old or New Testament elective for the minor.

<sup>2</sup> Electives need to be divided equally between the Old and New Testaments. 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.

<sup>3</sup> BIB 306 must be taken unless it is required in the student's major.

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:		6
BIB 306	Hermeneutics <sup>3</sup>	
CHRM 307	Urban and Outreach Ministries	
CHRM 402	Discipleship and Small Groups	
MISS 333	Theology of Missions	
MISS 397	Missions Internship	
MISS 404	Church Growth and Planting	
Minor Total		18

### **New Testament Minor**

This minor is designed for students who are not Biblical literature majors. Students pursuing a major within the Undergraduate 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 <sup>1</sup>	3
BIB 351	Greek Exegesis I	3
BIB	Electives in New Testament	6
Minor Total		18

### **Old Testament Minor**

This minor is designed for students who are not Biblical literature majors. Students pursuing a major within the Undergraduate 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 <sup>2</sup>	3
BIB 311	Biblical Hebrew I	3
BIB 312	Biblical Hebrew II	3
BIB 319	Hebrew Exegesis	3
BIB	Electives in Old Testament	6
Minor Total		18

### **Preseminary Minor**

Requirements for the pre-seminary minor vary according to the major; however, the following courses must be included in

the student's program, either in the major or pre-seminary minor.

BIB 222	Old Testament Introduction*	3
BIB 261	New Testament Introduction*	3
BIB 306	Hermeneutics <sup>3</sup>	3
Choose one of the following two courses:		3
BIB 251	Biblical Greek I	
BIB 311	Biblical Hebrew I	
Choose one of the following two courses:		3
BIB 252	Biblical Greek II	
BIB 312	Biblical Hebrew II	
Choose one of the following two courses:		3
THE 320	Systematic Theology	
THE 461	History of Christianity I: Early Church	
Minor Total		18

### **Youth and Family Ministries Minor**

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

BIB 306	Hermeneutics <sup>3</sup>	
CHRM 307	Urban Outreach Ministries	
CHRM 335	Introduction to Evangelism	
CHRM 351	Team Ministry	
CHRM 402	Discipleship and Small Groups	
CHRM 431	Media and Technology in Ministry	
MISS 325	Introduction to Christian Missions	

Minor Total 18

### **Departmental Courses**

#### **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 303	Jewish Civilization	
BIB 306	Hermeneutics: Principles of Biblical Interpretation	
BIB 307	Discovering New Testament Holy Land	
BIB 311	Biblical Hebrew I	
BIB 312	Biblical Hebrew II	
BIB 313	Jewish History and Culture of New Testament Times	
BIB 319	Hebrew Exegesis	
BIB 320	Systematic Theology	
BIB 332	Old Testament Historical Books	
BIB 346	Luke-Acts	

BIB 349	Israel in Christian Theology	
BIB 351	Greek Exegesis I	
BIB 352	Greek Exegesis II	
BIB 358	Turkey Study Tour	
BIB 362	Jesus and the Gospels	
BIB 363	Eschatology and the Book of Revelation	
BIB 364	The Pauline Epistles	
BIB 372	Revelation and the Writings of John	
BIB 373	Johannine Literature	
BIB 376	Hebrews and General Epistles	
BIB 420	A Biblical Approach to Middle Eastern Religious Literature	
BIB 421	Pentateuch	
BIB 424	Hebrew Prophets	
BIB 435	Psalms	
BIB 436	Wisdom Literature	
BIB 438	Intertestamental Literature	
BIB 453	Jewish Perspectives on the Bible	
BIB 455	Intensive Studies	
BIB 457	Honors Assistant Practicum	
BIB 470	New Testament Theology	
BIB 483	Jewish and Rabbinic Background to the Gospels	
BIB 499	Senior Paper	
BIB 999	Biblical Studies Elective	

#### **Biblical Literature**

BLIT 110	Survey of Old Testament Literature	
BLIT 111	Christian Life Through Biblical Engagement I: Old Testament	
BLIT 120	Survey of New Testament Literature	
BLIT 122	Christian Life Through Biblical Engagement II: New Testament	
BLIT 999	Biblical Literature Elective	

#### **Christian Caregiving and Counseling**

CCC 301	Introduction to Christian Caregiving	
CCC 303	Issues/Identity of the Caregiver	
CCC 321	Pastoral 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 Application of Helping Skills	
CCC 426	Assessment and Evaluation	
CCC 429	Substance Abuse	
CCC 430	Special Issues in Counseling	
CCC 450	Counseling Research	
CCC 499	Senior Practicum/Project	

<sup>1</sup> 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.

<sup>2</sup> 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.

<sup>3</sup> Students who have majors in the Undergraduate Theology Department that

require these courses need to substitute appropriate upper division BIB courses after consulting with their advisors.

**Church Ministries**

- CHRM 107 Spirit-Empowered Ministry  
 CHRM 108 Spirit-Empowered Leadership  
 CHRM 203 Foundational Application to Pastoral Care  
 CHRM 209 Spiritual Formation Seminar  
 CHRM 302 Christian Leadership  
 CHRM 304 Introduction to Christian Education  
 CHRM 305 Teaching the Bible  
 CRHM 306 Pastoral Ministry Skills  
 CHRM 307 Urban Outreach Ministries  
 CHRM 310 Youth Culture and Faith Development  
 CHRM 313 Prayer Ministry of Caregiver  
 CHRM 314 Spiritual Formation: Personal  
 CHRM 315 Spirit-Empowered Pastoral Care  
 CHRM 317 Introduction to Youth Ministry  
 CHRM 318 Global Leadership  
 CHRM 335 Introduction to Evangelism  
 CHRM 340 Sermon Preparation and Preaching  
 CHRM 351 Team Ministry  
 CHRM 395 Intercultural Field Experience  
 CHRM 398 Ministry Practicum  
 CHRM 402 Discipleship and Small Groups  
 CHRM 422 Spiritual Formation: Community  
 CHRM 430 Local Church Outreach  
 CHRM 431 Media and Technology in Ministry  
 CHRM 453 Pastoral Care of Families with Youth  
 CHRM 455 Intensive Studies  
 CHRM 456 Children's Ministry  
 CHRM 457 Honors Assistant Practicum  
 CHRM 460 Church Administration  
 CHRM 499 Senior Paper Portfolio  
 CHRM 999 Church Ministries Elective

**General Studies**

- GEN 355 Monotheistic Religion: Conflict and Convergence  
 GEN 365 Introduction to the Parables of Jesus  
 GEN 380 Israel: The People and the Land  
 GEN 415 Science and Christian Philosophy  
 GEN 420 Biblical Approach to Middle Eastern Religious Literature

**Global Ministry and the Marketplace**

- GMMP 499 Senior Paper/Portfolio

**Missions**

- MISS 244 Introduction to Short-Term Intercultural Missions  
 MISS 245 Intro to Short-Term Intercultural Missions Leadership  
 MISS 300 History of Missions  
 MISS 325 Introduction to Christian Missions  
 MISS 333 Theology of Missions  
 MISS 350 Missions and Culture  
 MISS 396 Internship Preparation  
 MISS 397 Missions Internship

- MISS 398 Global Ministry and the Marketplace Internship  
 MISS 401 Ministry and Business  
 MISS 404 Church Growth and Planting  
 MISS 455 Intensive Studies  
 MISS 499 Senior Paper/Portfolio  
 MISS 999 Missions Elective

**Philosophy**

- PHIL 299 Philosophy of Science  
 PHIL 302 Introduction to Philosophy  
 PHIL 401 Ethics  
 PHIL 470 Philosophy of Religion  
 PHIL 473 Philosophy/Theology in Modern Culture  
 PHIL 999 Philosophy Elective

**Theological-Historical**

- THE 103 Spirit-Empowered Living  
 THE 104 Spirit-Empowered Living  
 THE 105 Spirit-Empowered Leadership  
 THE 106 Spirit-Empowered Living (Year-Long Certificate)  
 THE 217 Seminar in Theological Research  
 THE 299 Introduction to Theology  
 THE 302 Introduction to Philosophy  
 THE 303 Major Religions of the World  
 THE 304 Contemporary Religions in America  
 THE 313 Systematic Theology I  
 THE 314 Systematic Theology II  
 THE 320 Systematic Theology  
 THE 353 History of Christianity in America  
 THE 380 Israel: The People and the Land  
 THE 398 Research Practicum  
 THE 401 Ethics  
 THE 402 Divine Healing  
 THE 403 Global Christianity  
 THE 404 C.S. Lewis: His Life and His Legacy  
 THE 415 Christian Apologetics  
 THE 420 A Biblical Approach to Middle Eastern Religious Literature  
 THE 444 Contemporary Theology  
 THE 445 Charismatic Theology  
 THE 455 Intensive Studies  
 THE 457 Honors Assistant Practicum  
 THE 461 History of Christianity I: Early Church  
 THE 462 History of Christianity II: Medieval Church  
 THE 463 History of Christianity III: Reformation to Present  
 THE 464 Prayer  
 THE 499 Senior Paper  
 THE 999 Theological-Historical Elective

**Graduate School of Theology and Ministry (Seminary)**

**Mission Statement:** The Graduate School of Theology and Ministry, the Seminary of Oral Roberts University,

educates and equips men and women biblically, theologically, and professionally to serve as Spirit-empowered leaders in the church, society, and the global community.

**Overview**

ORU Graduate School of Theology and Ministry (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 various dimensions of Spirit-empowerment including prayer, divine healing, and the charismata which is undergirded by a solid and challenging academic foundation. In the classroom, professors provide biblical understanding, theological insight, and ministry preparedness in an atmosphere of caring accountability.

**Accreditation**

The Graduate School of Theology and Ministry is accredited by the Commission on Accreditation of the Association of Theological Schools in the United States and Canada (ATS). The following degree programs are approved:

- Master of Divinity
- M.A. in Biblical Literature
- M.A. in Theological/Historical Studies
- M.A. in Professional Counseling
- M.A. in Intercultural Studies
- M.A. in Practical Theology
- Doctor of Ministry
- Doctor of Philosophy

Commission contact information is as follows:

The Commission on Accrediting of the Association of Theological Schools in the United States and Canada  
 10 Summit Park Drive  
 Pittsburgh, PA 15275  
 Telephone: 412-788-6505  
 Fax: 412-788-6510  
 Website: <http://www.ats.edu>

**Statement of Educational Effectiveness**

The Graduate School of Theology and Ministry measures its educational effectiveness through a comprehensive student learning assessment program, which determines student competencies in relationship to degree program goals.

**Statement of Purpose**

ORU Graduate School of Theology and Ministry (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, are capable of revitalizing the church, evangelizing the world, and healing 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 Graduate School of Theology and Ministry seeks to prepare students for Christian ministry within a broad spectrum of traditions, churches, and cultures. Although intentionally evangelical, its faculty and student body reflects a diversity of theological understandings. This creates opportunities for encountering and dialoguing with different perspectives, which enables students to effectively relate the gospel to their unique sphere of influence. ORU's Graduate School of Theology and Ministry's 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 ORU Graduate School of Theology and Ministry 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 contemporary 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 ultimately to offer knowledge as a tool for ministry at the disposal of the Holy Spirit for relevant application.

Importantly, the ORU Graduate School of Theology and Ministry 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 Ministry at Oral Roberts University?**

The ORU Graduate School of Theology and Ministry at Oral Roberts University is firmly grounded in a concept of abundant life and a compassionate 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 Ministry at Oral Roberts University?" and explains his vision for those who graduate from the masters and doctoral programs.

"Two things are essential to a vibrant, fruitful ministry of the Gospel. One, Christian leaders must know the Bible; they must really know the life of Jesus and what the Bible says. And second, Christian leaders must have a deep compassion for people.

As I travel this great country of ours and receive mail from around the world, I feel these voids in Christian leadership. I see a deep hunger in people to know God better. People are searching for someone to explain to them how to live abundantly. They are also aching for love. They long for someone to touch them, to care, to share their deep concerns, and to help them find answers to their needs. These are the very reasons we have a Graduate School of Theology and Ministry at ORU to train students to know the Bible and to care for people.

ORU has a baccalaureate theology program, two master's programs, and a doctoral program. The Master of Arts program offers specializations in several different areas of ministry. The academic specializations immerse students in the Word and its teachings and enable students to train others. The professional specializations equip students for ministry in Christian counseling, Christian education, practical theology or missions.

The Master of Divinity program is the basic professional program for ministry and is especially designed for persons who plan to become pastors, evangelists, youth workers, chaplains, missionaries, or enter other areas of Christian leadership. These

graduate students receive a solid grounding in the Bible. They also receive practical and professional training in how to be effective church leaders, how to administer church programs, how to preach, how to counsel, and how to lead evangelism programs. Throughout their three years of study, Master of Divinity students are involved in special projects that place them in the church and community. They become involved with people in need from various backgrounds: the elderly, juvenile delinquents, the poor, the disabled, the imprisoned, and the ghetto children. They give their time and talents; they go into areas where people hurt and touch them with their love.

The Doctor of Ministry program enables persons already in full-time ministry to deepen their knowledge of the Word and update their skills while learning from both professors and peers. These ministerial leaders are involved daily in sharing the Word and meeting the needs of others.

As the students of these graduate programs open their lives to God and give to other people, I believe a miracle will take place. I believe the Holy Spirit will become as real to them as the air they breathe. They will find themselves instruments in God's hands. A strong, invisible triangle will be formed between God, the ORU student, and the person in need—a relationship that can last for all eternity.

Let me tell you what I expect from our graduate theology students. I expect our students to be open to the working of the Holy Spirit in their lives and in the lives of others. Through the Holy Spirit, they will find new strength and authority to minister.

I expect excellence from our students. We have a motto at ORU that says "excellence is a way of life." We believe in giving God our best and then expecting His best for our lives. Our students have the finest professors and facilities, and we expect our students to devote their finest efforts to their studies.

I expect their witness to extend to all aspects of life. When Jesus healed people, He often used these words: "Be made whole." To Christ, wholeness was more than spiritual cleansing. Wholeness meant harmony of spirit, mind, and body. It meant a unity in the inner man and vibrant living in all areas of life.

At ORU we attempt to integrate the entire person. We call it the whole-man concept. This concept formed the basis for the founding of ORU, and our purpose is to train men and women whose lives reflect this. Our theology students work at physical fitness and mental growth in the same way

they work to develop their spiritual potential. I expect our students to go into every facet of life and to share Christ wherever His light is dim, wherever His voice is heard small. I expect them to go to all the nations and to minister to people of all races.

Full-time graduate and professional students attend chapel together, study together in the same library, and share some classes. This common exposure helps them become better acquainted with a variety of professional perspectives and gives them a new appreciation for the problems people face in our world. I expect our theology students to provide leadership and love to all who may be weak and unloved.

The ORU School of Theology and Missions opened in 1975, enriched by ORU's fine baccalaureate theological program, which is one of the largest and strongest departments on campus. The Seminary is housed in the Marajen Chinigo Graduate Center, which is a 448,000-square-foot addition to the John D. Messick Learning Resources Center. I believe it is the finest building of its kind.

We live in a state of expectancy at ORU. We believe in miracles. We work diligently. We are proud to be a free enterprise people. We have faith in God and a spirit of unity. ORU is a family—a family of students, faculty, staff members, and partners around the world. We are unashamedly Christian. We believe in the mighty power of the Holy Spirit. We live to minister.

Why a graduate School of Theology and Missions? Because God wants people to be whole, and we want what God wants—healing for the totality of human need."

--Oral Roberts

### **Spiritual Formation**

In the distinctive Spirit-empowered ethos of the ORU Graduate School of Theology and Ministry, spiritual formation is of primary importance. Spiritual formation occurs both intentionally and informally. The Director of Assessment and the Assessment Committee provide guidance in developing a program to facilitate spiritual formation.

A primary force for intentional spiritual formation is the strong advisement program that assigns students to individual faculty members for their educational journeys. Students meet individually with their advisors throughout the academic year. Faculty members are readily available for advisement and prayer.

University chapels, which are conducted twice weekly, are especially influential in nurturing the charismatic emphasis and spiritual dynamic that is at the heart of Oral Roberts University. Special meetings are conducted during the semester to address the particular needs of seminarians. Other opportunities for spiritual formation are included in the field education program, missions trips, weekly communion services, and student-led ministry opportunities.

### **Degree Programs**

#### ***Doctor of Philosophy (Ph.D.)***

The Doctor of Philosophy degree is designed to explore theological constructs and contextually engage with the global Spirit-empowered community to produce original research. Its mission is to prepare Spirit-empowered leaders and scholars to impact the world with God's healing in service to the kingdom of God. The program aims to fulfill the mission by equipping people for vocations of research and teaching in theological schools, universities, colleges, churches, and other areas of practice.

#### ***Doctor of Ministry (D.Min.)***

The Doctor of Ministry degree provides advanced professional training for practical ministry. The program is designed for professionals in full-time ministry with an earned Master of Divinity degree or its equivalent. It enhances ministerial and vocational skills and enables practitioners to grow in understanding and interpretation of their vocational ministry.

#### ***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. Concentrations in pastoral care & chaplaincy and addictions counseling are offered in this major.

#### ***Master of Arts (M.A.)***

The Master of Arts degree offers both academic and professional programs. 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.

#### **Academic M.A. Programs**

Biblical Literature - A concentration in Advanced Languages is available.

Theological and Historical Studies

#### **Professional M.A. Programs**

Professional Counseling - This program has three tracks that lead to

licensure as a professional counselor, marriage and family therapist, or alcohol and drug counselor.

Concentrations are available in the Professional Counseling and Marriage and Family Therapy tracks which can be combined for a total of six options. Students can choose from concentration in either Addiction Counseling or Marital and Family Therapy.

Intercultural Studies

Practical Theology - A concentration is also offered in Teaching Ministries.

### **Joint Degree Program**

A joint degree program allows students to gain an area of expertise for future ministry. Students may enroll in two master's degrees simultaneously. With proper planning and advisement, they may fulfill the requirements for both degrees with significantly less time than it would take otherwise.

Some graduate programs, however, cannot be combined in the joint degree program. The Master of Divinity and M.A. in Practical Theology degree plans, including their concentrations, may not be used together as a joint degree. Likewise, the M.A. in Professional Counseling (Licensed Professional Counselor, MAPC/LPC) and the Professional Counseling with the Marital and Family concentration (MAPC/MFT) may not be combined under the joint degree program, although additional courses and concentrations can be added to the degree if the student desires to qualify for dual state licenses (LPC/LADC, LPC/MFT, MFT/LADC).

### **Distance Education 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 Master of Divinity (M.Div.), Master of Arts in Practical Theology (MPT), and M.A. in Theological/Historical Studies (MTH), and M.A. in Biblical Literature (MBL) programs are especially designed for individuals who desire to continue their education but cannot relocate to Tulsa.

The M.Div. modular degree is 73.5 credit hours, the MPT degree is 40.5 credit hours, the MTH degree is 40.5 credit hours, and the MBL degree is 42.5 credit hours. Courses are offered through a combination of fully online courses and blended courses, which only require students to attend class on campus once a semester for all or half of a five-day intensive week while completing the other half of the coursework online.

These intensive sessions on campus are held Monday-Friday from 8:30 to 5:30 p.m. daily, during a week scheduled around the middle of each semester. The on-campus courses are offered on a two-year rotation. Students who are not able to take a particular course in a particular semester have an opportunity to take that course again within two years.

Students in the Distance Education program set their own pace but are encouraged to enroll in as many courses (both on-campus and online) as they can realistically incorporate into their schedules each semester.

## **Policies and 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 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 (3.00 for all degree 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 five 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 (Professional counseling, 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.

As the ORU Graduate School of Theology and Ministry is a theological seminary preparing students for multiple ministries and positions of authority, in addition to the academic qualifications of the applicant, the Admissions Committee will also consider the applicant's sense of calling to the ministry (based on biographical essay) and related information provided in the references.

### **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 enrollment for one calendar year who desire to continue their studies must apply for readmission through the 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 Graduate School of Theology and Ministry are expected to maintain a 3.00 or 3.25 grade point average for the program in which they are enrolled. Students failing to achieve the minimum grade point average in their program during any semester are automatically placed on probation. In the doctoral programs no course grade less than a "B" is accepted. Two "C" course grades result in suspension from the doctoral programs.

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 Graduate School of Theology and Ministry.

### **Course Information**

#### **Numbering and Sequence**

Courses offered in all areas of the Seminary curriculum are appropriate for graduate level students in the Graduate School of Theology and Ministry. In general, 500- and 600-level courses are designed for the master's 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 Offerings**

The full-time course load for master's-level students in the Graduate School of Theology and Ministry is 9 hours.

The full-time load for doctoral students in the Graduate School of Theology and Ministry 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/dissertation 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 Graduate School of Theology and Ministry 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 Graduate School of Theology and Ministry 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 advanced standing for undergraduate courses with a "B" or better.

#### ***Audit Privilege***

Students in the Graduate School of Theology and Ministry may—with the approval of the instructors, their faculty advisor, 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 transcript.

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 as part-time pay one-half tuition to audit a class.

#### ***ORU Distinctive Courses***

The Graduate School of Theology and Ministry has established specific courses in health fitness and Holy Spirit Empowerment in Life and Ministry 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 Graduate School of Theology and Ministry 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 entitled Graduate Health Fitness. In this course, students are instructed on the body, its anatomy and physiology, and the role of exercise, diet, weight control, and stress management in good health. Students must submit the results of a medical evaluation. An exercise program is prescribed. Requirements are adjusted according to gender and age, and special programs are available for students who cannot meet the requirements.

Following the completion of Graduate Health Fitness, all master's students need to take one activity course and may elect GHPE 515 Graduate Aerobics, GHPE 525 Graduate Walk for Fitness, or another activity course.

Following the completion of Graduate Health Fitness, all Doctoral students need to take an activity course and may elect GHPE 715 Graduate Aerobics, GHPE 725 Graduate Walk for Fitness, or an activity course.

#### **Health Fitness Requirements for ORU Graduates**

GHPE 503 – Graduate Health Fitness may be substituted with an additional activity course if the student successfully completed the required non-activity Health & Physical Education courses OR GHPE 503 while pursuing a previous degree at ORU. The additional activity class may be taken at either 0.5 or 1 credit hour as allowed by the course description and catalog.

#### **Holy Spirit Distinctive Courses**

During their first semesters of residency, students enrolled in a master's-level degree program are required to take the graduate course GTHE 510 Holy Spirit Empowerment in Life and Ministry. GTHE 510 deals with part of the basic theological beliefs and lifestyle unique to Oral Roberts University. The faculty of the ORU Graduate School of Theology and Ministry passionately believes that the power and authority entrusted to the Early Church, as described in the Book of Acts, is still

available to believers today. The miraculous power of Christ is to operate "in the now."

The theological faculty encourages all students to enroll in at least one additional course dealing with this vital area of ministry, such as GTHE 663 Charismatic Theology, GTHE 694 The Pentecostal/Charismatic Movements in Historical Perspective, GTHE 696 Divine Healing: A Theological and Historical Study, and GTHE 692 Pneumatology.

#### ***Theological Research Proficiency***

All students entering any master's-level degree program are expected to have a comprehensive knowledge of English grammar and composition, the ability to do theological research, and a basic theological bibliography. Students passing the Theological Research Proficiency examination during first-semester orientation with a minimum score of 85 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 PRFT 051 Professional Counseling Orientation 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 Graduate School of Theology and Ministry, only graduate hours for which grades of "A," "B," or "C" are earned count toward the completion of the degree. Grade-point averages appropriate to each program are to be maintained. Courses in which a grade of "D" or "F" is earned are reported on the transcript and are included in determining the grade point average.

The grade of "I" (incomplete) is allowed for work that is incomplete at the time grades are given. It is allowed only after the student establishes with the instructor and the associate dean, by petition, that work is incomplete for good cause. Incompletes are granted only for extenuating circumstances, such as 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 "W" (withdraw). When a course is dropped after the drop/add period, a "W" is recorded.

Graduate students are required to maintain a cumulative 3.00 or 3.25 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 these levels are placed on probation. Students on probation whose cumulative grade-point average remains below 3.00 or 3.25 for two consecutive semesters, are subject to suspension from the program. A progress evaluation is normally conducted when a student has earned, 12 or more hours. In addition, any student who has earned either three grades of "C" or lower, two "Ds," or an "F" while matriculating through ORU in a Graduate Theology and Ministry program are subject to suspension from the program. See the DMIN and PhD sections for their suspension and probation policies. For purposes of this suspension policy, successfully retaking (raising the grade to "C" or better) does not negate the previous grade even though it does replace the grade for GPA purposes. Students entering the seminary on probation must achieve removal from probation within one academic year. If a student is placed on probation status while pursuing their degree, one academic year is allowed to restore the GPA. Students who fail to achieve a sufficient GPA, while they are on probation during the specified time are suspended. Petitions for Policy Exception may be considered if there are exceptional extenuating circumstances existing.

Students are also evaluated and required to meet appropriate standards in three specific areas beyond academics: 1) Spiritual Maturity; 2) Emotional Intelligence and 3) Social Adeptness. Students may be placed on probation leading to suspension from the program if they fail in one or more of these areas.

#### ***Assessment-Master's Level Programs***

Professional and personal assessment is an integral part of the total educational program of the ORU Graduate School of Theology and Ministry. Assessment draws together the varied 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 mission statement for the Seminary.

The basic components for assessment are professional skills, specialized knowledge, and personal/spiritual development. The 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 leaders.

The assessment process includes a 2.0 credit hour course during the first semester and 0.5 credit courses the second and final semesters of enrollment. An advisor-advisee degree program audit occurs when one-half of the degree program is completed.

Selected 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.

An overview of the assessment program is given to all entering 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.

NOTE: Students enrolling Fall 2021 should in PRFT 055 their first semester. Students on degree plans prior to Fall 2021 are required to enroll in PRFT 056 Entry-Level Assessment. Students who have petitioned to change to the new degree plans required PRFT 055.

#### **PRFT 055 Spiritual Formation and Assessment**

Spiritual Formation and Assessment (2 credits) is the initial course in the assessment program for students enrolled in the ORU Graduate School of Theology and Ministry (GSTM). The basic areas of this formative assessment are vocational, personal, and spiritual self-awareness and formation. At the culmination of the course, students write a self-reflection paper for faculty assessment.

A structured interview with academic advisors occurs as part of the spiritual formation and assessment process. Students will engage in extensive evaluation of spiritual formation and growth utilizing various assessment tools. A student questionnaire is discussed in relationship to vocational plans.

Academic advisors are assigned the first semester of matriculation according to each student's degree program and remain the student's advisor through graduation.

A university fee is attached to this course to establish a WPA Assessment account.

#### **PRFT 056 Entry-Level Assessment**

Students on degree plans prior to Fall 2021 are required to enroll in PRFT 056 Entry-Level Assessment (0.5 credit). This formative assessment includes student reflection on their spiritual formation, identity and ministry/vocational calling and completion of various program and assessment. At the culmination of the course, students write a self-reflection paper for faculty assessment. Academic advisors are assigned the first semester of matriculation according to each student's degree program and remain the student's advisor through graduation.

A university fee is attached to this course to establish a WPA Assessment account.

#### **PRFT 057 Mid-Level Assessment**

This formative Assessment (0 or 0.5 credit) provides opportunities for students to review and discuss degree program progress and spiritual formation with their advisors. Students enroll for PRFT 057 the semester following the completion of one-half of their course requirements. During the mid-level assessment advisor conference, students discuss how their personal calling and spiritual growth and formation has become more defined. They reflect on their personal and professional goals identified in PRFT 055 Spirit Formation and Assessment or PRFT 056 Entry-Level Assessment.

Students who began seminary Fall 2021 will take this course as a 0.5 credit. Students enrolled prior to Fall 2021 will take this course as 0.0 credit.

#### **PRFT 058 Candidacy-Level Assessment**

During the final semester of enrollment, students enroll in PRFT 058 Candidacy-Level Assessment. The purpose of this assessment is to provide opportunities for professors, students, and community/church leaders to analyze the degree to which the degree program goals were achieved by ORU seminary students.

#### **PhD Program Assessment**

Three major assessment stages take place throughout the program to monitor, evaluate, and improve the student's progress and learning outcome, and to measure the overall effectiveness of the degree program. The program assessment process follows the institution's established assessment scheme of 1) Entry-Level Assessment, 2) Mid-Level Assessment, and 3) Candidacy-Level Assessment. Additional assessment data are collected, including the ATS questionnaires for students, Student Opinion Survey, (for each course), a retention rate analysis, (annual), and an exit interview. These data are reviewed with

faculty to identify areas of strength and needed improvement from which program changes are identified and implemented.

Specified artifacts are required to demonstrate the overall attainment of outcomes for the degree program.

The summative assessment includes a candidacy interview with community practitioners, a student paper, reflecting on the Seminary experience and a capstone assignment measuring spiritual formation and growth. Students give feedback for intentional evaluation of degree programs and the overall institution through electronic surveys.

### **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; FED 755 Teaching Ministries Practicum; FED 760 Urban Ministry Practicum; PRFT 051 Graduate Professional Counseling Orientation; PRM 673 Introduction to Pastoral Care; GCSL 763 Counseling Practicum; GCSL 781 Counseling Internship; GCSL 785 Counseling Internship II; and 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 Graduate School of Theology and Ministry. 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.

### **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 Graduate School of Theology and Ministry. Ordination courses are available for represented groups. Courses on polity, history, and doctrine are offered through resident faculty and visiting professors. Several of these courses are a part of the regular rotation of courses; others are offered upon request.

### **Objectives**

The purpose of the program is to prepare Spirit-filled, biblically based, historically informed, socially and ethically accountable, theologically responsible, and skillfully enabled ministers of Jesus Christ for mission with the Church in the world. The basic objectives of the Master of Divinity program are as follows:

- To prepare candidates with a foundational knowledge of the content of Scripture within its cultural and historical context with application to selected contemporary situations.
- To prepare students to interpret Biblical writings in the Greek and/or Hebrew languages, using critical exegetical tools and writing a hermeneutical and exegetical paper.
- To provide a basic knowledge of the key movements and figures together with their significance in the history of Christianity.

- To provide a basic knowledge of the contents and methods of Christian theology.
- To enable students to develop skills and practical ministry strategies.
- To equip candidates with the Biblical, theological, and ethical understanding necessary to analyze and discuss contemporary social issues affecting the Church and society.
- To enable students to develop and articulate a theology and theory of ministry that is relevant to their backgrounds and callings.
- To provide opportunities to develop necessary skills for ministry within a variety of traditions, ministry settings, and cross-cultural contexts.
- To promote a Biblical/theological understanding of the person, work, and ministry of the Holy Spirit.
- To enable students to clearly articulate their ministry/professional calling.
- To enable students to demonstrate a ministerial formation that integrates a Biblical and theological content and a theology and theory of ministry with practical ministry skills.

### **Field Education**

Field education enables students to integrate and employ Biblical-theological principles, practices of ministry, and charismatic empowerment in diverse contexts of supervised ministry in the church, community, and consultation/reflection groups to achieve competency in functioning as effective ministers of the Gospel.

For at least two semesters, Master of Divinity and master of practical theology students have opportunities for in depth interpersonal, social, and spiritual ministry at sites such as hospitals, nursing homes, service organizations, and local churches. Qualified supervisors guide students through experiences that give accountable, practical training to develop their full potential as professionals in ministry.

Professors, site supervisors, and students meet weekly in consultation/reflection groups—either online or in a residential context—to discuss students' successes and challenges. Students receive guidance in dealing creatively with problems they may have encountered and in integrating their academic studies with practical experiences. The ministry/reflection emphasis encourages students to establish and evaluate their personal abilities as minister-theologians. A liability insurance fee is assessed for all field-based courses.

**Grade-Point Average**

Before candidates for the Master of Divinity degree graduate, they must pass at least 73.5 semester hours of coursework, complete all prerequisites, satisfy all proficiency requirements, and have a minimum cumulative grade point average of 3.00. 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.

**Master of Divinity Degree**

The Master of Divinity degree is a six-semester, 73.5 hour program structured around field education and the three curricula areas of the Seminary (biblical literature, theological/historical studies and practices of ministry). Students are required to enroll in field education after 50% of their coursework is complete. Six 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.

Three options in the MDV degree are offered:

- Master of Divinity with in-depth studies in Practices of Ministry (MDV)
- Master of Divinity with a concentration in Pastoral Care and Chaplaincy (MDV/PCHC)
- Master of Divinity with a concentration in Addiction Counseling (MDV/ACC)

Each option shares the same prerequisites, ORU distinctive courses, and courses in Biblical literature and theological/historical studies.

**Prerequisite Course**

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

	Credit Hours
Choice of one of the following:	0-3
GTHE 517 Seminar in Theological Research	
PRFT 049 Theological Research Proficiency Exam	

Prerequisite Total	0-3
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**Biblical Literature**

GBIB 551	Old Testament Synthesis	3
GBIB 571	New Testament Synthesis	3
GBIB	Elective	3
GBIB	Language/Translation Elective <sup>1</sup>	3
Choose one of the following sequences:		9

## Sequence 1:

GBIB 500	Greek Synthesis I	
GBIB 501	Greek Synthesis II	
GBIB 581	New Testament Hermeneutics and Exegesis (Greek)	
PRFT 053	Greek Proficiency	

## Sequence 2:

GBIB 510	Hebrew Synthesis I	
GBIB 511	Hebrew Synthesis II	
GBIB 561	Old Testament Hermeneutics and Exegesis (Hebrew)	
PRFT 052	Hebrew Proficiency	

## Sequence 3:

GBIB 502	Biblical Languages for Ministry	
GBIB 507	Biblical Hermeneutics	
GBIB	Elective	
GBIB	Elective	

Biblical Literature Total	21
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**Theological/Historical Studies**

GTHE 551	Systematic Theology I	3
GTHE 561	Systematic Theology II	3
GTHE 571	Church History I	3
GTHE 581	Church History II	3
GTHE 661	Introduction to Christian Ethics <sup>2</sup>	3
GTHE	Elective	3

Theological/Historical Stud. Total	18
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**Assessments and ORU Distinctives**

PRFT 055	Spiritual Formation and Assessment	1-2
PRFT 056	Entry-Level Assessment	0.5
PRFT 057	Mid-Level Assessment	0
PRFT 058	Candidacy-Level Assessment	0.5
GHPE 503	Graduate Health Fitness*	1
GTHE 510	Holy Spirit Empowerment in Life and Ministry	3
Choice of one of the following:		0.5
GHPE 515	Graduate Aerobics	
GHPE 525	Graduate Walk for Fitness	
HPE	Activity course	

Assessments/ORU Distinctive Courses Total	7.5
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**Practices of Ministry for Students****Pursuing In-Depth Studies in Practices of Ministry**

PRM 511	Ministering Cross-Culturally <sup>3</sup>	3
PRM 549	Foundations of Teaching Ministries	3
PRM 661	Introduction to Preaching	3
PRM 669	Practice Preaching <sup>4</sup>	3
PRM 673	Introduction to Pastoral Care	3
PRM	Electives	3
FED 672	Field Education (Church) <sup>5</sup>	1.5
FED 673	Field Education (Community)	1.5
GBIB/GCSL/GTHE/PRM Electives <sup>6</sup>		6

Practices of Ministry Total	27
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Degree Total	73-73.5
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**Practices of Ministry for Students****Pursuing a Concentration in Pastoral Care and Chaplaincy**

GCSL 570	Religious Diversity and Counseling	3
GCSL 628	Crisis, Trauma & Addictions Counseling	3
GCSL 670	Introduction to Psychopathology	3
FED 780	Pastoral Care and Chaplaincy Practicum	3
PRM 673	Introduction to Pastoral Care	3
Choose one of the following two courses:		3
PRM 549	Foundations of Teaching Ministries	
PRM 661	Introduction to Preaching	

Practices of Ministry Total	18
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**Pastoral Care and Chaplaincy Concentration**

GCSL 635	Human Growth and Development	3
GCSL 799	Spiritual Issues in Addiction Counseling	3
PRM 678	Advanced Pastoral Care	3
Concentration Total		9

Degree Total	73-73.5
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**Practices of Ministry for Students****Pursuing a Concentration in Addictions Counseling**

GCSL 528	Christian Approaches to Counseling	3
GCSL 624	Counseling Diverse Populations	3

<sup>1</sup> Students in the Pastoral Care and Chaplaincy concentration may choose a second GBIB elective instead of lang/translation.

<sup>2</sup> Alternative course is GTHE 660 Ethics and Contemporary Issues. Students completing the concentration in Pastoral Care and Chaplaincy may choose complete GCSL 650,

Professional Ethics in Counseling. GTHE 660 Ethics and Contemporary Issues, or GTHE 661 Introduction to Christian Ethics.

<sup>3</sup> Alternative course: PRM 575 Anthropology for Ministry.

<sup>4</sup> Students in the modular program may choose PRM 663 Text to Sermon.

<sup>5</sup> Modular students take FED 750 Ministry Practicum instead of FED 672 Field Education (Church) and FED 673 Field Education (Community).

<sup>6</sup> Residential students are limited to two GCSL courses.

GCSL 628	Crisis, Trauma & Addictions Counseling	3
GCSL 630	Counseling Methods	3
GCSL 635	Human Growth and Development	3
GCSL 700	Spiritual Issues in Addiction Counseling	3
GCSL 781	Counseling Internship I	3
<hr/> Practices of Ministry Total		21
<b>Addictions Counseling Concentration</b>		
GCSL 631	Addiction in the Family Counseling	3
GCSL 643	MFT Systems Theory	3
GCSL 644	Addiction in the Family Theory	3
GCSL 670	Psychopathology	3
GCSL 740	Drug and Alcohol Counseling Theory	3
GCSL 750	Pharmacology	3
GCSL 784	Counseling Research	3
<hr/> Concentration Total		21
<hr/> Degree Total		82-82.5

### **Master of Arts Programs**

The ORU Graduate School of Theology and Ministry offers two Master of Arts programs: the Academic Program and the Professional Program.

#### **Academic Degrees**

The Master of Arts degree can be earned in the following academic degree programs:

- Biblical Literature (with optional concentration in advanced languages)
- Theological and Historical Studies

The purpose of the academic Master of Arts degree is to enable students to understand and appreciate the Biblical, historical, and theological content of the Christian faith within a charismatic context, and to assist students in interpreting and communicating the Christian faith with ecumenical breadth in a manner accountable to their particular ecclesiastical communities. The academic Master of Arts degree is designed as a terminal degree for those planning to teach in churches, Bible colleges, and Christian schools or as foundational study for those desiring to pursue doctoral studies in the same or related disciplines.

ORU undergraduate theology students who are (1) majoring in Biblical Literature with a concentration in Old or New Testament or in Historical and Philosophical Studies; (2) maintaining a minimum 3.00 cumulative GPA; and (3) providing an undergraduate theology professor's recommendation are eligible for the M.A. academic track. Students can complete the M.A. in two semesters and one summer.

Students may receive advanced standing for undergraduate courses completed with a "B" or better.

#### **Language Proficiency**

Proficiency in any prerequisite language must be achieved before students are allowed to enroll for graduate credit beyond 24 semester hours (not including prerequisite coursework).

Language proficiency is demonstrated in one of two ways: achieving greater than 70% on either the language proficiency examination or the final examination of the second semester of a language course. Students need to sign up for language proficiency even though it is not for credit.

When this proficiency is satisfied, students must consult with their faculty advisors to confirm that their degree plan sheets reflect the fulfillment of these entrance requirements.

#### **Thesis**

Students in the academic Master of Arts program are required to write a thesis, which allows them to do focused research on topics of their own choosing. As a learning instrument, the Master of Arts thesis provides an index of the student's ability to conduct research in a given area and to organize and present the results of the research in a systematic way. The topic must be approved by the faculty advisor, the area committee, and the associate dean. For details of procedure to be followed in writing the thesis, the student should consult the syllabus for GBIB 757 or GTHE 757.

#### **Graduation Requirements**

Before candidates for the academic Master of Arts degrees graduate, they must pass at least 40.5 (MTH) or 42.5 (MBL) semester hours of coursework, complete all prerequisites, satisfy all proficiency requirements, and have a minimum cumulative grade point average of 3.00. They must also complete the professional evaluation.

#### **Biblical Literature**

##### **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.

Two options in the MBL degree are offered:

- M.A. in Biblical Literature
- M.A. in Biblical Literature with a concentration in Advanced Languages

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 advanced languages concentration, proficiency in both Biblical languages is a prerequisite.

#### **Prerequisite Courses**

##### **Biblical Literature - No Concentration - Prerequisite 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 "B" grade and demonstrated current proficiency (a minimum of 80% on a written examination) may take the following prerequisite/leveling courses to prepare them for the graduate coursework. Credit hours from prerequisite courses do not apply toward the graduate degree.

	Credit Hours
GBIB 551	Old Testament Synthesis 3
GBIB 571	New Testament Synthesis 3
Choose one of the following sequences: 6	
Sequence 1:	
GBIB 500	Greek Synthesis I
GBIB 501	Greek Synthesis II
PRFT 053	Greek Proficiency
Sequence 2:	
GBIB 510	Hebrew Synthesis I
GBIB 511	Hebrew Synthesis II
PRFT 052	Hebrew Proficiency
Choice of one of the following: 3	
GBIB 561	OT Hermeneutics and Exegesis (Hebrew)
GBIB 581	NT Hermeneutics and Exegesis (Greek)
Choice of one of the following: 0-3	
GTHE 517	Seminar in Theological Research
PRFT 049	Theological Research Proficiency Exam
<hr/> Prerequisite Total 15-18	

### **Biblical Literature with a Concentration in Advanced Languages Prerequisite 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 "B" or better. Additionally, students may be required to achieve a minimum of 80 percent on a written examination. The prerequisite/leveling courses for this concentration are as follows. Credit hours from prerequisite courses do not apply toward the graduate degree.

	Credit Hours
GBIB 500 Greek Synthesis I	3
GBIB 501 Greek Synthesis II	3
GBIB 510 Hebrew Synthesis I	3
GBIB 511 Hebrew Synthesis II	3
GBIB 551 Old Testament Synthesis	3
GBIB 571 New Testament Synthesis	3
GBIB 561 OT Hermeneutics and Exegesis (Hebrew)	3
GBIB 581 NT Hermeneutics and Exegesis (Greek)	3
PRFT 052 Hebrew Proficiency	0
PRFT 053 Greek Proficiency	0
Choice of one of the following:	0-3
GTHE 517 Seminar in Theological Research	
PRFT 049 Theological Research Proficiency Exam	
Prerequisites Total	24-27

### **ORU Distinctive and Assessment Courses**

PRFT 055 Spiritual Formation & Assessment	2
PRFT 057 Mid-Level Assessment	0.5
PRFT 058 Candidacy-Level Assessment	0.5
GHPE 503 Graduate Health Fitness*	1
GTHE 510 Holy Spirit Empowerment in Life and Ministry	2
Choice of one of the following:	.5
GHPE 515 Graduate Aerobics	
GHPE 525 Graduate Walk for Fitness	
HPE Activity course	

ORU Distinctive & Assessment Courses Total 6-6.5

### **M.A. in Biblical Literature – No Concentration**

GBIB 611 Theology of the Old Testament	3
GBIB 621 Theology of the New Testament	3
GBIB 756 Thesis Research and Proposal	3

GBIB 757 Thesis Writing	3
GBIB Biblical literature electives	15
GBIB Language translation elective	3
Choice of one of the following sequences <sup>1</sup>	6

#### **Sequence 1:**

GBIB 500 Greek Synthesis I	
GBIB 501 Greek Synthesis II	
PRFT 053 Greek Proficiency	

#### **Sequence 2:**

GBIB 510 Hebrew Synthesis I	
GBIB 511 Hebrew Synthesis II	
PRFT 052 Hebrew Proficiency	

Biblical Literature Total 36

MBL Degree Total 42-42.5

### **M.A. in Biblical Literature with a Concentration in Advanced Languages**

GBIB 611 Theology of the Old Testament	3
GBIB 621 Theology of the New Testament	3
GBIB 756 Thesis Research and Proposal	3
GBIB 757 Thesis Writing	3
Choose twelve hours from the following:	12
GBIB 618 Matthew (Greek)	
GBIB 632 Isaiah (Hebrew)	
GBIB 633 Pentateuch (Hebrew)	
GBIB 635 Theophanies/Hebrew Scriptures (Hebrew)	
GBIB 636 Exodus (Hebrew)	
GBIB 637 Deuteronomy (Hebrew)	
GBIB 682 Synoptic Gospels (Greek)	
GBIB 683 Mark (Greek)	
GBIB 704 Psalms (Hebrew)	
GBIB 715 The Bible and Midrash (Hebrew)	
GBIB 729 Colossians/Ephesians (Greek)	
GBIB 744 Septuagint (Greek and Hebrew)	
GBIB 777 Exegesis of Romans (Greek)	
GBIB 787 Cross/Resurrection in the New Testament (Greek)	

Choose twelve hours from the following: 12

GBIB 663 Syriac	
GBIB 712 Akkadian	
GBIB 714 Ugaritic	
GBIB 754 Coptic Studies	
GBIB 755 Classical Egyptian	
GBIB 761 Advanced Syriac	
GBIB 764 Biblical Aramaic	

MBL/AL Concentration Total 36

### **Theological and Historical Cognate**

GTHE Electives	12
Cognate Total	12

MBL/ALC Degree Total 52-52.5

### **Intercultural Studies**

#### **Master of Arts**

The Master of Arts in Intercultural Studies is a specialized program designed to train competent professionals to carry the healing gospel "where God's light is dim, where His voice is heard small, where His healing power is not known, even to the uttermost bounds of the earth...." The program presents a well-rounded philosophy of missions with emphases on Biblical principles, the ministry of healing, worldwide evangelism, church planting, and methods of effective cross-cultural communication. It prepares students for effective cross-cultural ministry in foreign missions organizations, home missions organizations, and other related ministries.

Applicants for the Master of Arts in Intercultural Studies should have completed 3 prerequisite semester hours as listed below in their baccalaureate degree programs. Students who have not met this requirement at the time of matriculation must enroll in the required prerequisite courses. These courses should be selected in consultation with the faculty advisor. Credit hours from prerequisite courses do not apply toward the graduate degree.

### **Prerequisite Courses**

Choice of one of the following:	0-3
GTHE 517 Seminar in Theological Research	
PRFT 049 Theological Research Proficiency Exam	

Prerequisite Total 0-3

### **ORU Distinctive and Assessment Courses**

PRFT 055 Spiritual Formation & Assessment	2
PRFT 057 Mid-Level Assessment	0.5
PRFT 058 Candidacy-Level Assessment	0.5
GHPE 503 Graduate Health Fitness	1
Choice of one of the following:	0.5
GHPE 515 Graduate Aerobics	
GHPE 525 Graduate Walk for Fitness	
HPE Activity course	

ORU Distinctive and Assessment Courses Total 4-4.5

### **Mission Courses**

PRM 511 Ministering Cross-Culturally	3
PRM 517 Intercultural Communication	3
PRM 544 Developing Global Missional Churches	3
PRM 575 Anthropology for Ministry	3
PRM 578 Globalizing Theology	3
GTHE 972 Theology of Spirit Empowered Mission	3
Choice of one of the following:	3
PRM 673 Introduction to Pastoral Care	
FED 750 Ministry Practicum	

<sup>1</sup> Must take the sequence that was not taken for prerequisite credit.

Missions Courses Total	21
<b><i>Biblical/Theological Cognate</i></b>	
GBIB 507 Biblical Hermeneutics	3
GBIB Elective	6
GTHE 510 Holy Spirit Empowerment in Life and Ministry	2
GTHE 518 Introduction to Theology	3
GTHE 624 Christian Apologetics	3
Cognate Total	17
Degree Total	42-42.5

### **Theological and Historical Studies**

#### **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 theological German is required for graduation. Because theological German 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 in their baccalaureate programs. 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.

#### **Prerequisite 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 courses do not apply toward the graduate degree.

	Credit Hours
GBIB 551 Old Testament Synthesis	3
GBIB 571 New Testament Synthesis	3
Choice of one of the following:	0-3
GTHE 517 Seminar in Theological Research	
PRFT 049 Theological Research Proficiency Exam	
Prerequisites Total	6-9

#### **ORU Distinctive and Assessment Courses**

PRFT 055 Spiritual Formation & Assessment	2
PRFT 057 Mid-Level Assessment	0.5
PRFT 058 Candidacy-Level Assessment	0.5
GHPE 503 Graduate Health Fitness	1
Choice of one of the following:	.5
GHPE 515 Graduate Aerobics	
GHPE 525 Graduate Walk for Fitness	
HPE Activity course	
ORU Distinctive & Assessment Courses Total	4-4.5

#### **Theological/Historical Studies**

GBIB 507 Biblical Hermeneutics	3
GTHE 510 Holy Spirit Empowerment in Life and Ministry	2
GTHE 551 Systematic Theology I	3
GTHE 561 Systematic Theology II	3
GTHE 571 Church History I	3
GTHE 581 Church History II	3
GTHE 624 Christian Apologetics	3
GTHE 681 Historical Theology	3
GTHE 756 Thesis Research and Proposal	3
GTHE 757 Thesis Writing	3
GTHE Theological/Historical electives	7
Theological/Historical Stud. Total	36
Degree Total	40-40.5

#### **Professional Degrees**

The Master of Arts degree can be earned in the following professional degree programs:

- Professional Counseling (with optional concentrations in Marital and Family Therapy and Addictions Counseling)
- Intercultural Studies
- Practical Theology (with an optional concentration in teaching ministries)

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 40.5 to 84 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 3.00.

#### **Professional Counseling**

##### **Master of Arts**

The Master of Arts in Professional Counseling program (MAPC) is designed to prepare students for professional licensure in qualifying them for the specialized ministry of counseling in the contexts of clinical settings, the local church, or church-related agencies. The program enables students to thoughtfully integrate and ethically implement the most effective models and theories of counseling with a coherent Biblical/theological perspective and sensitivity to the Holy Spirit's activity. Since helping hurting people is an essential element of the gospel, this program equips students to therapeutically respond to the opportunities of global diversity in facilitating healing and wholeness in all areas of life. Six options in the MAPC degree are offered:

- M.A. in Professional Counseling (preparation for Licensed Professional Counselor) (LPC)
- M.A. in Professional Counseling with a concentration in Marital and Family Therapy (preparation for Licensed Marital and Family Therapist) (LMFT)
- M.A. in Professional Counseling with a concentration in Addictions Counseling (preparation for Licensed Alcohol and Drug Counselor) (LADC)
- M.A. in Professional Counseling, Professional Counseling Track with a

concentration in Marital and Family Therapy (preparation for LPC and LMFT)

- M.A. in Professional Counseling, Professional Counseling Track with a concentration in Addictions Counseling (preparation for LPC and LADC)
- M.A. in Professional Counseling, Marital and Family Therapy Track with a concentration in Addictions Counseling (preparation for LMFT and LADC)

All six options share the same common core, ORU distinctives and proficiencies, and Biblical and theological foundations courses.

Because students are called to the counseling ministry at all stages of life, no counseling prerequisites are required. 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 the Counselor Preparation Comprehensive Exam (CPCE). This exam is designed to prepare students for the state licensure exam.

#### **State Licensure**

The M.A. in Professional Counseling program is designed to prepare students to meet the licensure requirements for Licensed Professional Counselors (LPC), Licensed Alcohol and Drug Counselor (LADC), 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. Courses required for Oklahoma licensure are included in program requirements. Advisors are available to help students design their degree plans accordingly.

<b>Prerequisite Courses<sup>1</sup></b>	Credit Hours
GBIB 515 Introduction to Biblical Literature	3
GTHE 510 Holy-Spirit Empowerment in Life and Ministry	2
GTHE 518 Introduction to Theology	3
<b>Prerequisites Total</b>	<b>8</b>

#### **ORU Distinctive, Assessment and Proficiency Courses**

PRFT 051 Professional Counseling Orientation	0
PRFT 056 Entry-Level Assessment	0.5
PRFT 057 Mid-Level Assessment	0
PRFT 058 Candidacy-Level Assessment	0.5

PRFT 064 Introduction to Counseling Practicum/Internship	0.5
PRFT 065 Counseling Preparation Comp Exam	0
GHPE 503 Graduate Health Fitness	1
Choice of one of the following:	0.5
GHPE 515 Graduate Aerobics	
GHPE 525 Graduate Walk for Fitness	
HPE Activity course	
<b>ORU Distinctive, Assessment &amp; Proficiency Total</b>	<b>3</b>

#### **Core**

GCSL 580 Professional Issues in Counseling	3
GCSL 624 Counseling Diverse Populations	3
GCSL 630 Counseling Methods	3
GCSL 635 Human Growth and Development	3
GCSL 640 Human Sexuality	3
GCSL 650 Professional Ethics in Counseling	3
GCSL 679 Vocational Guidance	3
GCSL 681 Group Dynamics	3
GCSL 724 Testing and Assessment I/II	3
GCSL 784 Counseling Research	3
<b>Core Total</b>	<b>30</b>

#### **Professional Experience**

GCSL 763 Counseling Practicum	3
GCSL 781 Counseling Internship I	3
GCSL 785 Counseling Internship II	3
<b>Professional Experience Total</b>	<b>9</b>

#### **Concentrations**

Students pursuing the M.A. in Professional Counseling follow one of the following sections depending upon which program/licensure they are pursuing.

##### **M.A. in Professional Counseling**

GCSL 528 Christian Approaches to Counseling	3
GCSL 625 Counseling Theories	3
GCSL 628 Crisis, Trauma and Addictions Counseling	3
GCSL 643 Marital and Family Systems Theory	3
GCSL 670 Introduction to Psychopathology	3
GCSL 676 Marriage Counseling	3
GCSL 722 Counseling Across the Lifespan	3
Choice of one of the following:	3
GCSL 641 Assessment in Marital and Family Therapy	
GCSL 732 Testing and Assessment II	
<b>Concentration Total</b>	<b>24</b>

MAPC-PC Degree Total 65.5-66

##### **M.A. in Professional Counseling with a Concentration in Marital and Family Therapy**

This program satisfies the requirements for dual licensure in Oklahoma as a Licensed Professional Counselor (LPC) and Licensed Marriage and Family Therapist (LMFT).

##### **Professional Counseling Concentration**

GCSL 528 Christian Approaches to Counseling	3
GCSL 625 Counseling Theories	3
GCSL 628 Crisis, Trauma and Addictions Counseling	3
GCSL 643 Marital & Family Systems Theory	3
GCSL 670 Introduction to Psychopathology	3
GCSL 676 Marriage and Family Therapy	3
GCSL 722 Counseling Across the Lifespan	3
GCSL 641 Assessment in Marriage & Family Therapy	3
<b>Concentration Total</b>	<b>24</b>

##### **Marriage and Family Therapy Concentration**

GCSL 631 Addiction in the Family Counseling	3
GCSL 637 Contemporary Family Development	3
GCSL 642 Family Therapy	3
<b>Concentration Total</b>	<b>9</b>

MAPC-PC/MFT Degree Total 74.5-75

##### **M.A. in Professional Counseling with a Concentration in Addictions Counseling**

This program satisfies the requirements for dual licensure in Oklahoma as a Licensed Professional Counselor (LPC) and Licensed Alcohol and Drug Counselor (LADC).

##### **Professional Counseling Concentration**

GCSL 528 Christian Approaches to Counseling	3
GCSL 625 Counseling Theories	3
GCSL 628 Crisis, Trauma and Addictions Counseling	3
GCSL 643 Marital and Family Systems Theory	3
GCSL 670 Introduction to Psychopathology	3
GCSL 676 Marriage Counseling	3
GCSL 732 Testing and Assessment II	3

<sup>1</sup> Credit hours from prerequisite courses do not apply toward the graduate degree.

<sup>2</sup> Students pursuing Professional Counseling – Addictions Counseling take GCSL 732. Students pursuing Professional Counseling

– Marriage & Family Therapy (with or without Addictions concentration) take GCSL 641.

GCSL 722 Counseling Across the Lifespan 3

**Addictions Concentration**

GCSL 631	Addiction in the Family Counseling	3
GCSL 644	Addiction in the Family Theory	3
GCSL 740	Drug & Alcohol Counseling Theory	3
GCSL 750	Pharmacology of Drugs and Abuse	3
Concentration Total		36
MAPC-PC/AC Degree Total		77.5-78

**M.A. in Professional Counseling - Addictions Counseling**

This program satisfies the requirements for licensure in Oklahoma as a Licensed Alcohol and Drug Counselor (LADC).

GCSL 528	Christian Approaches to Counseling	3
GCSL 628	Crisis, Trauma and Addictions Counseling	3
GCSL 631	Addiction in the Family Counseling	3
GCSL 643	Marital and Family Systems Theory	3
GCSL 644	Addiction in the Family Theory	3
GCSL 670	Introduction to Psychopathology	3
GCSL 740	Drug & Alcohol Counseling Theory	3
GCSL 750	Pharmacology of Drugs and Abuse	3
Concentration Total		24
MAPC-AC Degree Total		65.5-66

**M.A. in Professional Counseling - Marriage and Family Therapy**

This program satisfies the requirements for licensure in Oklahoma as a Licensed Marriage and Family Therapist (LMFT).

GCSL 528	Christian Approaches to Counseling	3
GCSL 628	Crisis, Trauma and Addictions Counseling	3
GCSL 631	Addiction in the Family Counseling	3
GCSL 637	Contemporary Family Development	3
GCSL 642	Family Therapy	3
GCSL 643	Marital and Family Systems Theory	3
GCSL 670	Introduction to Psychopathology	3
GCSL 676	Marriage and Family Therapy	3
GCSL 722	Counseling Across the Lifespan	3
Concentration Total		27

MAPC-MFT Degree Total 68.5-69

**M.A. in Professional Counseling - Marriage and Family Therapy - Concentration in Addiction Counseling**

This program satisfies the requirements for dual licensure in Oklahoma as a Licensed Marriage and Family Therapist (LMFT) and Licensed Alcohol and Drug Counselor (LADC).

**Marriage and Family Therapy Concentration**

GCSL 528	Christian Approaches to Counseling	3
GCSL 628	Crisis, Trauma and Addictions Counseling	3
GCSL 631	Addiction in the Family Counseling	3
GCSL 637	Contemporary Family Development	3
GCSL 642	Family Therapy	3
GCSL 643	Marital and Family Systems Theory	3
GCSL 670	Introduction to Psychopathology	3
GCSL 676	Marriage and Family Therapy	3
GCSL 722	Counseling Across the Lifespan	3
<b>Addictions Concentration</b>		
GCSL 644	Addiction in the Family Theory	3
GCSL 732	Testing and Assessment II	3
GCSL 740	Drug & Alcohol Counseling Theory	3
GCSL 750	Pharmacology of Drugs and Abuse	3
Concentrations Total		39
MAPC-MFT/AC Degree Total		80.5-81

**Practical Theology**

**Master of Arts**

The Master of Arts in Practical Theology is designed to equip graduates for effective ministry in the local church, para-church organizations, and other ministry contexts. The degree provides a foundation in ministerial theory and practice that can assist students to pursue ministry vocations. It seeks to develop the essential knowledge and skills for lay positions in the church or specialized professions in both church and community.

Two options in the Master of Arts in Practical Theology degree are offered:

- M.A. in Practical Theology
- M.A. in Practical Theology with a concentration in teaching ministries

These options share the same prerequisites, ORU distinctives, and Biblical/theological courses.

This degree program prepares leaders by increasing their competence in and understanding of the Word of God through

hermeneutical and study skills and by developing a theological framework for their understanding of the teaching of Scripture and for the practices of ministry. In addition to a strong Biblical and theological foundation, the curriculum is flexible enough to meet the demands of both professional and lay positions.

The degree program is structured to provide a strong Biblical/theological/practical ministry foundation for leadership and includes flexibility for students to structure their own programs to meet perceived needs in ministry. The practicum provides supervised practice in church or community contexts that encourage the integration of Biblical and theological understanding with practical ministry strategies.

Applicants for the Master of Arts in Practical Theology should have completed 3 prerequisite semester hours as listed below in their baccalaureate degree programs. Students who have not met this requirement at the time of matriculation must enroll in the required prerequisite courses. These courses should be selected in consultation with the faculty advisor. Credit hours from prerequisite courses do not apply toward the graduate degree.

<b>Prerequisite Courses</b>	Credit Hours
Choice of one of the following:	0-3
GTHE 517 Seminar in Theological Research	
PRFT 049 Theological Research Proficiency Exam	

Prerequisite Total 0-3

**ORU Distinctive and Assessment Courses**

PRFT 055	Spiritual Formation & Assessment	2
PRFT 057	Mid-Level Assessment	0.5
PRFT 058	Candidacy-Level Assessment	0.5
GHPE 503	Graduate Health Fitness	1
Choice of one of the following:		0.5
GHPE 515	Graduate Aerobics	
GHPE 525	Graduate Walk for Fitness	
HPE	Activity course	
ORU Distinctive and Assessment Courses Total		4-4.5

**Biblical/Theological Foundations**

GBIB 507	Biblical Hermeneutics	3
GBIB 551	Old Testament Synthesis	3
GBIB 571	New Testament Synthesis	3
GTHE 510	Holy Spirit Empowerment in Life and Ministry	3
Choice of one of the following two courses:		3
GTHE 551	Systematic Theology I	
GTHE 561	Systematic Theology II	
Choice of one of the following two courses:		3

GTHE 571 Church History I  
GTHE 581 Church History II

Biblical/Theological Foundations  
Total 18

### **Concentrations**

Students pursuing the Master of Arts in Practical Theology choose one of the following two concentrations.

#### **M.A. in Practical Theology**

PRM 660	Theology for Spirit-Empowered Ministry	3
PRM 673	Introduction to Pastoral Care	3
FED 750	Ministry Practicum	3
PRM	Elective	3
	Undesignated Electives	3
	Choice of one of the following two courses:	3
PRM 549	Foundations of Teaching Ministries	
PRM 560	Teaching the Bible	
PRM 661	Introduction to Preaching	
	Concentration Total	18
	MPT Degree Total	40-40.5

#### **M.A. in Practical Theology-Teaching Ministries Concentration**

PRM 549	Foundations of Teaching Ministries	3
PRM 635	Human Growth and Development	3
PRM 659	Administration of Teaching Ministries <sup>1</sup>	3
PRM 660	Theology for Spirit-Empowered Ministry	3
FED 755	Teaching Ministries Practicum	3
PRM	Elective	3
	TMC Concentration Total	18
	MPT-TMC Degree Total	40-40.5

### **Doctor of Ministry Program**

The Doctor of Ministry (D.Min.) is an advanced professional degree designed to continue the education of ministers and vocational practitioners so that they may be spiritually renewed and increasingly effective in their world ministries. The purpose of the program is to enhance growth in their understanding and interpretation of their vocational ministry in relation to biblical, theological, historical, ethical, and practical areas. Students are challenged to develop their skills and to refine and articulate a theology of ministry. A distinctive of the doctoral program at ORU is the increased growth and awareness

of all aspects of the charismatic dimensions of their vocation.

#### ***In-Ministry Degree***

Students in the doctoral program remain in their full-time ministries. Students meet in a modular format on campus and online for a total of four weeks over a two-year period. Most of the study/work is done individually in the setting of the local parish or other field of service. Students also complete a ministry research project in which they meaningfully address an issue of concern in a ministry situation, related to his or her vocational context.

#### ***Admission Requirements***

Candidates applying for admission to the doctoral program should have a minimum of 3 years of substantial ministry experience and either an MDiv or a completed Master's degree consisting of 66 credit hours, of which at least 12 hours of coursework have been completed in each of the following areas—Biblical studies, theological/ historical studies, and practices of ministry. For students with a completed master's degree that does not contain 66 hours of coursework or 12 credits in each of the aforementioned areas, leveling work would be required to reach an equivalency. Credit toward leveling, ranging from 3-6 credit hours, could be granted for those applicants with significant ministerial experience. Each applicant must submit the following:

- A biographical statement concerning the call to the ministry or vocation and the way in which that call is being expressed (minimum of 500 words).
- A statement outlining why the applicant desires to pursue the D.Min. degree at Oral Roberts University.
- Four letters of reference—one from an ecclesiastical overseer (if there is one), one from a Seminary professor, one from a peer in ministry, and one from a knowledgeable lay person.
- Official transcripts of all undergraduate and graduate studies to date.

International students can request further information from the Graduate School of Theology and Ministry Admissions Office.

The Admissions Committee makes a determination based on all relevant data and policies of the Graduate School of Theology and Ministry. The Admissions Committee may require applicants to submit additional information for evaluation

such as a personal interview, psychological test results, a spouse's endorsement, or a statement of status at another educational institution.

#### ***Grading***

No course grade less than a "B" is accepted. The first grade below a "B" will result in probationary status. Two course grades below a B, results in suspension from the doctoral program.

#### ***Assessment-Doctoral Level Program***

Professional and personal assessment is an integral part of the total educational program of the ORU Graduate School of Theology and Ministry. The Doctor of Ministry (DMIN) assessment program 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 purpose is to determine student competencies in relationship to degree program goals.

Various course artifacts have been designated to demonstrate the extent to which program goals are being achieved, including writing competencies. Information relative to required artifacts is included in course syllabi. An overview of the assessment program is given to all entering students and specific requirements are explained.

Another component of the DMIN assessment program is to determine the student's progress in the areas of academic and professional competencies, and spiritual, emotional, and social aptitudes. Aptitude for academic research and writing is also considered to determine if the student is capable of successfully completing a Ministry Research Project.

At three designated times during the student's program, a DMIN representative sub-committee audits the student's overall progress according to a specified rubric. Each session involves a summative assessment that expresses confidence or lack of confidence in the student's ability to continue in the DMIN program. The sub-committee will make one of the following three recommendations:

<sup>1</sup> Residential students may choose to take PRM 554 Bible Institute Education, PRM 656 Adult Learners, PRM 788 Leadership in

Ministry, or FED 501 Teaching Methodology. Students in the modular program may also take PRM 554 Bible

Institute Education, PRM 560 Teaching the Bible or PRM 788 Leadership in Ministry.

Student may proceed to the next phase of the DMIN program. Any areas of concern and expectations for improvement will be addressed.

Student may proceed on a probationary basis to the next phase of the DMIN program, with the condition that specified recommendations are successfully met.

Student may not proceed further in the DMIN program. The director of the DMIN program communicates the committees' evaluation to the student.

#### **PRFT 710 Entry-Level Assessment:**

All Doctor of Ministry students are required to enroll in PRFT 710 during their first semester. A sub-committee meets at each assessment level to determine a student's progress in the program.

**PRFT 720 Mid-Level Assessment:** At the end of the first year, students enroll in PRFT 720 Mid-Level Assessment Audit. This mid-level assessment is designed to determine if the competencies required to move to the candidacy level status have been demonstrated by the student. A sub-committee meets at each assessment level to determine a student's progress in the program.

#### **PRFT 730 Candidacy-Level**

**Assessment:** During the final semester of coursework, students enroll in PRFT 730 Candidacy-Level Assessment. The purpose of this assessment is to determine the degree to which the doctoral program goals were achieved. As the capstone assignment of the coursework phase of the D.Min. program, students complete a 12-15 page Comprehensive Exam that includes the following:

- A theoretical and theological construct
- An assessment of personal ministry leadership and a personal leadership growth plan
- An application of concepts, course content and textbook approaches from all courses in the D.Min. program
- A doctoral level of reflection to synthesize, analyze and apply concepts

The Comprehensive Exam will be graded by the D.Min. sub-committee. Failure to pass the Comprehensive Exam and Committee's Evaluation may result in termination from the D.Min. program. Students must receive a passing grade for PRFT 730 (B or better) to be eligible for committee approval; however, a passing grade does not guarantee approval to continue to the writing phase of the D.Min. program. The committee will also evaluate overall student progress according to an established rubric to determine their

progress and aptitude in the following areas:

- Area(s) of concern indicated in PRFT 720 Mid-Level Assessment
- Capacity to synthesize and integrate coursework in personal life and ministry
- Academic, professional, spiritual, emotional and social aptitudes
- Successful completion of degree program goals and student learning outcomes
- Capacity for successful completion of the ARP as evidenced by academic research and, writing ability and theological reflection skills

One of the following two decisions will be made:

- The committee approves the student to proceed to the writing phase of the Ministry Research Project (MRP)
- The committee does not approve the student to proceed to the writing phase of the MRP, thus ending the student's enrollment in the D.Min. program

#### **Curriculum and Course Load**

The program is built around core courses, a choice of specialized tracts, 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 areas of specialization: (1) Pastoral Care and Chaplaincy/Moral Injury 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, chaplaincy, administration, and pastoral care and healing.

The full-time load for doctoral students in the Graduate School of Theology and Ministry 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 Ministry Research Project (MRP) may be finished during the third year. The entire program must be completed within five years after entry. Additional information is available in the Doctor of Ministry Handbook.

#### **Doctor of Ministry Degree**

The Doctor of Ministry degree requires a minimum of 33.5 hours of course credits which includes 30 hours of course work, 2.5 hours of ORU distinctive and assessment

courses, and 1 credit hour of a ministry research project each semester until completion.

#### **ORU Distinctive and Assessment Courses**

PRFT 710	Entry-Level Assessment	0
PRFT 720	Mid-Level Assessment	0
PRFT 730	Candidacy-Level Assessment	1
PRFT 759	Whole Person Assessment	0
GHPE 703	Graduate Health Fitness	1
Choice of one of the following:		0.5
GHPE 715	Graduate Aerobics	
GHPE 725	Graduate Walk for Fitness	

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ORU Distinctive and Assessment  
Courses Total 2.5

#### **Core Courses**

DMIN 711	Ministerial Identity and Personal Assessment	3
DMIN 719	Holy Spirit and Healing (online)	3
DMIN 726	Theological Reflection in the Ministry Context	3
DMIN 761	Pastoral Care for Spiritual Formation and Healing	3
DMIN 790	Research Project	1

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Core Courses Total 13

#### **Concentrations**

Doctor of Ministry students choose one of the following concentrations.

##### **Church Ministries and Leadership**

DMIN 730	Missional Leadership Strategies for Today's Church	3
DMIN 732	Leading for Ministry Effectiveness	3
DMIN 735	Communicating the Gospel	3
DMIN 737	Leadership Theory and Practice for the Church	3
DMIN 787	Methods of Ministry Research	3
DMIN 788	Tools of Ministry Research	3

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Church Ministries & Leadership  
Concentration Total 18

##### **Moral Injury**

DMIN 722	Theology of Moral Injury	3
DMIN 723	Assessing Moral Injury	3
DMIN 724	Treating Moral Injury	3
DMIN 727	Moral Injury Comorbidities & Systematic Concerns	3
DMIN 784	Methods of Chaplaincy Research	3
DMIN 789	Tools for Chaplaincy Research	3

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Moral Injury Concentration Total 18

Degree Total<sup>1</sup> 33-33.5

### **Doctor of Philosophy**

The PhD program is structured around five goals with their respective learning outcomes. The first goal is to equip students with a comprehensive knowledge of the disciplines of theological study with specialization in a particular area of research. The second goal aims to provide students with the skills needed to engage in original academic research. The third goal engages students in a sustained exploration of the connections and interactions between the academic disciplines of theological studies and the practices of Christian ministry, mission, spirituality, and social engagement. The fourth goal equips students with pedagogical competencies that prepare them to teach and lead in their area of theological expertise in diverse academic and vocational contexts in local and global constituencies. The fifth goal seeks to equip students to interpret and communicate knowledge with sensitivity to the Holy Spirit.

#### **Program Content**

The program explores the specialization of contextual theologies of global Christianity. Attention will be given to connections and interactions between theological studies and the global explosion of Spirit-empowered Christianity. Sensitivity to the Holy Spirit is important for the dynamic engagement of Spirit-empowered Christians within the diverse contexts of the world. The outcome will be original research that produces contextual and transnational theologies, prepares graduates to teach in higher education, and equips practitioners to engage the world with the Christian message.

The program requires 53 credit hours of work, composed of the following: one Research Methods course, seven core courses, five-track courses, one Health/Physical Education course, three assessments, and a dissertation. All courses have been developed specifically for the program, and none utilizes any existing master's level courses. The course sequence is designed to help the students build a broad knowledge base through the core courses in the first year. In the first of three assessments the Assessment Committee will evaluate the student's aptitude and ability to proceed to the next phase of the program. Upon approval the student will proceed to the track courses in the second

year to build a knowledge base for the focused area.

Methodologies will be an integral part of the curriculum as students are exposed to ongoing methodological developments. Expecting students to conduct research utilizing field data is anticipated, and such would require a robust testing and evaluation of methodologies. Also anticipated from students are various forms of teaching, ranging from formal classroom instructions to field-based creative training. Preparation of instructions would be part of course requirements. The budget provides for teaching fellowships.

Intensive residential periods of instruction will be combined with instructor mentoring facilitated via innovative educational technology. There are three course sections: Pre-residency, Residency, and Post-residency. Course syllabi will follow these three sections with specific dates and corresponding assignments. All courses will run the length of a full semester, fall, spring, and summer. Pre-residential assignments differ from course to course but generally include pre-course reading assignments, processing audio-visual or online resources, and engaging the student in online dialogues with his/her colleagues. At the end of each major segment, an assessment regime is provided to ensure the competency in each section and readiness to advance to the next level. At the conclusion of the course stage, a comprehensive exam is required to evaluate the student's mastery of general and specific subject areas of the given discipline. The production of a quality dissertation on a specific topic in the third (and likely the fourth) year successfully concludes the program.

#### **Learning Outcomes**

The learning outcomes identify advanced and integrated knowledge, skills, and competencies that a graduate of the program is expected to be able to demonstrate. There are five specific outcomes that correspond directly to the primary goals of the program. The student demonstrates competency in comprehensive theological knowledge through a general mastery of their field of specialization evidenced through passing comprehensive exams and in writing a dissertation. The student will engage in original research that contributes to the body of knowledge in their specific field of theological expertise through disseminating

their research findings in traditional and digital publication. The student will articulate knowledge of the interrelationships between the subject matter of Christian theology and the practices of Christian ministry and mission. Courses are designed to critically engage the student in theological reflection on Christian spirituality and social engagement required throughout the course of study. Students demonstrate knowledge of learning theories and methods of assessment through their ability to teach and lead effectively in their area of concentration and their chosen vocation both through opportunities provided at ORU and in the students' own settings. Students will interpret and communicate knowledge from a charismatic perspective, and through their awareness of the distinctive characteristics of ORU's constituency, the Spirit-empowered movement.

#### **Assessment**

Three major assessment stages take place throughout the program to monitor, evaluate, and improve the student's progress and learning outcome, and to measure the overall effectiveness of the degree program. The program assessment process follows the institution's established assessment scheme of 1) Entry-Level Assessment, 2) Mid-Level Assessment, and 3) Candidacy-Level Assessment. Additional assessment data are collected, including the ATS Surveys for students, Student Opinion Survey (for each course), a retention rate analysis (annual), and an exit interview. These data are reviewed with faculty to identify areas of strength and needed improvement from which program changes are identified and implemented.

#### **Grading**

No course grade less than a "B" is accepted. The first grade below a "B" will result in probationary status. Two course grades below a B, results in suspension from the Ph.D. program. Graduation requirements require satisfactory completion of all Ph.D. program requirements and a minimum cumulative grade point average of at least 3.25.

#### **Academic Suspension Appeals and Re-admission**

Students who have been dismissed may petition for reinstatement after one academic year. Reinstatement can be attained sooner if specific conditions were

<sup>1</sup> The degree total does not include the additional credit hour per semester of project writing after coursework completion

that is required until successful MRP defense.

included in the Dean's letter of dismissal. All petitions for reinstatement will be considered on an individual basis. Reinstatement will depend on the student's demonstration of motivation and capability to complete the academic requirements successfully. The Dean shall notify the student in writing of the decision regarding reinstatement. Students who are reinstated shall be required to comply with any conditions set forth in the letter of reinstatement. The school will send a copy of the reinstatement letter to the Registrar's Office to be placed in the student's academic file.

#### **Leave of Absence**

If a student in good standing is not able to register for courses in a given semester, he or she must request a leave of absence by submitting an online petition to the Program Director. Students may access the online petition on. Leaves of absence will only be granted in extreme circumstances. The Ph.D. Program Director will notify the student in writing of the decision.

#### **Time Limit for Degree Completion**

Students may have a maximum of seven years from the date of entry into the program to fulfill all degree requirements. Only student who have been approved for formal leaves of absence may have an extension beyond the seven year limit. Exceptions to the time limit are granted only in extraordinary circumstances.

#### **Admissions Requirements**

Application for the program is made through online submittal. All prospective students are given a comprehensive list of what to submit for the application. The Admissions Committee selects applicants with the strongest qualifications. Candidates who only meet minimal requirements in some areas but are exceptional in others may be accepted. The overall combination of strengths that the applicant brings to the program is assessed in the admissions process.

### **Theology**

#### **Doctor of Philosophy**

#### **ORU Distinctive and Assessment Courses**

PRFT 910	Entry-Level Assessment	1
PRFT 920	Mid-Level Assessment	1
PRFT 930	Candidacy-Level Assessment	0
PRFT 990	Comprehensive Exams	0
GHPE 903	Graduate Health Fitness*	1

ORU Distinctive and Assessment Courses Total	3
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#### **Core Courses**

GBIB 911	Seminar in Old Testament Theology	3
GBIB 921	Seminar in New Testament Theology	3
GBIB 931	Spirit Hermeneutics	3
GTHE 951	History of Christian Doctrine	3
GTHE 961	History and Methods of Contextual Theology	3
GTHE 962	Doing Theology in the Global Christian Context	3
GTHE 965	History of Global Spirit Empowered Movements	3
GTHE 967	Contemporary Issues in Spirit Empowered Christianity	3
GTHE 972	Theology of Spirit-Empowered Mission	3
GTHE 981	Integrated Seminar in Contextual Theology 1	3
GTHE 982	Integrated Seminar in Contextual Theology 2	3
PRFT 949	Research Methods	3
Choose one of the following:		3
GTHE 971	History and Theology of Missions	
GTHE 974	Christian Theology and Other Religions	
GTHE 976	Contextual Leadership Development	
GTHE 978	Global Pentecostalism and Social Engagement	
GTHE 980	Independent Study	
Core Courses Total		39

#### **Dissertation Courses**

GTHE 905	Dissertation Defense	0
GTHE 990	Dissertation (taken 3 times) <sup>1</sup>	9
Dissertation Courses Total		9
Degree Total		51

### **Departmental Courses**

#### **Doctor of Ministry**

DMIN 711	Ministerial Identity and Personal Assessment	
DMIN 719	Holy Spirit and Healing	
DMIN 722	Theology of Moral Injury	
DMIN 723	assessing Moral Injury	
DMIN 724	Treating Moral Injury	
DMIN 726	Theological Reflection in the Ministry Context	
DMIN 727	Moral Injury CO-Morbidities and Systemic Concerns	
DMIN 730	Missional Leadership Strategies for Today's Church	
DMIN 732	Leading for Ministry Effectiveness	

DMIN 735	Communicating the Gospel	
DMIN 737	Leadership Theory and Practice in the Local Church	
DMIN 740	Clinical Pastoral Education	
DMIN 749	Directed Study	
DMIN 761	Pastoral Care for Spiritual Formation and Healing	
DMIN 787	Methods of Ministry Research	
DMIN 788	Tools of Ministry Research	
DMIN 790	Research Project	
DMIN 792	Ministry Project	
DMIN 999	Doctor of Ministry Elective	

#### **Field Education**

FED 501	Teaching Methodology	
FED 672	Field Education (Church)	
FED 673	Field Education (Community)	
FED 750	Ministry Practicum	
FED 755	Teaching Ministries Practicum	
FED 760	Urban Ministry Practicum	
FED 780	Pastoral Care and Chaplaincy Practicum	
FED 781	Pastoral Internship	
FED 999	Field Education Elective	

#### **Biblical Literature-Old Testament**

GBIB 505	Introduction to Old Testament Literature	
GBIB 510	Hebrew Synthesis I	
GBIB 511	Hebrew Synthesis II	
GBIB 551	Old Testament Synthesis	
GBIB 561	Old Testament Hermeneutics and Exegesis (Hebrew)	
GBIB 608	Eighth Century Prophets	
GBIB 609	Exilic Prophets	
GBIB 611	Theology of the Old Testament	
GBIB 632	Isaiah (Hebrew)	
GBIB 633	Pentateuch (Hebrew)	
GBIB 634	Wisdom Literature	
GBIB 635	Theophanies/Hebrew Scripture (Hebrew)	
GBIB 636	Exodus (Hebrew)	
GBIB 637	Deuteronomy (Hebrew)	
GBIB 657	Old Testament History	
GBIB 663	Syriac	
GBIB 704	Psalms (Hebrew)	
GBIB 712	Akkadian	
GBIB 714	Ugaritic	
GBIB 715	The Bible and Midrash (Hebrew)	
GBIB 761	Advanced Syriac	
GBIB 764	Biblical Aramaic	
GBIB 766	Introduction to Rabbinic Thought and Literature	
GBIB 767	Seminar in Old Testament	
GBIB 774	Jewish Apocalyptic Literature	
GBIB 911	Seminar in Old Testament Theology	

#### **Biblical Literature-Old and New Testament**

GBIB 502	Biblical Languages for Ministry	
GBIB 507	Biblical Hermeneutics	

<sup>1</sup> If dissertation is not completed during GTHE 990 enrollment then GTHE 995

registration is required each semester until the completion of the dissertation

GBIB 515	Introduction to Biblical Literature	GCSL 570	Religious Diversity and Counseling	GCSL 786	Marriage and Family Internship II
GBIB 516	Biblical Eschatology	GCSL 571	Theology of Counseling	GCSL 999	Graduate Counseling Elective
GBIB 552	Historical Geography of Palestine	GCSL 580	Professional Issues in Counseling	<b>Graduate Christian Ministry</b>	
GBIB 645	Biblical Archaeology	GCSL 623	Ethics and Professional Issues in Counseling	GMCM 502	Graduate Orientation
GBIB 648	Israel Study Abroad Seminar	GCSL 624	Counseling Diverse Populations	GMCM 507	Biblical Hermeneutics
GBIB 744	Septuagint (Greek and Hebrew)	GCSL 625	Counseling Theories	GMCM 510	Spirit-Empowered Ministry
GBIB 749	Directed Study	GCSL 626	Principles of Biblical Counseling	GMCM 518	Introduction to Theology
GBIB 754	Coptic Studies	GCSL 627	Crisis Counseling	GMCM 549	Teaching Ministries
GBIB 755	Classical Egyptian	GCSL 628	Crisis, Trauma and Addictions Counseling	GMCM 551	Old Testament Synthesis
GBIB 756	Thesis Research and Proposal	GCSL 629	Introduction to Addictive Disorders	GMCM 558	Spiritual Formation and Discipleship
GBIB 757	Thesis Writing	GCSL 630	Counseling Methods	GMCM 571	New Testament Synthesis
GBIB 758	Thesis Extension	GCSL 631	Addiction in the Family Counseling	GMCM 593	Capstone Project
GBIB 931	Spirit Hermeneutics	GCSL 635	Human Growth and Development	GMCM 595	Capstone Presentation
GBIB 999	Biblical Literature Elective	GCSL 637	Contemporary Family Development	GMCM 673	Introduction to Pastoral Care
<b>Biblical Literature-New Testament</b>		GCSL 639	Family Development	GMCM 734	Leadership for Team Ministries
GBIB 500	Greek Synthesis I	GCSL 640	Human Sexuality	GMCM 749	Directed Study
GBIB 501	Greek Synthesis II	GCSL 641	Assessment in Marital and Family Therapy	<b>Theological/Historical Studies-Ethics</b>	
GBIB 506	Introduction to New Testament Literature	GCSL 642	Family Therapy	GTHE 660	Ethics and Contemporary Issues
GBIB 517	Paul: Mission and Message	GCSL 643	Marital and Family Systems Theory	GTHE 661	Introduction to Christian Ethics
GBIB 556	The Life and Teachings of Jesus (Matthew, Mark and Luke)	GCSL 644	Addiction in the Family Theory	GTHE 769	Ethics of Jesus
GBIB 571	New Testament Synthesis	GCSL 645	Counseling the Elderly	<b>Theological/Historical Studies-Historical/Theological</b>	
GBIB 573	I Corinthians	GCSL 650	Professional Ethics in Counseling	GTHE 508	Signs and Wonders and the Healing Ministry
GBIB 581	New Testament Hermeneutics and Exegesis (Greek)	GCSL 670	Psychopathology	GTHE 510	Holy Spirit Empowerment in Life and Ministry
GBIB 583	The Parables of Jesus in Their Jewish Context	GCSL 671	Religion and Personality	GTHE 516	Theology and History of Global Mission
GBIB 589	History and Culture of New Testament Times	GCSL 675	Marriage and Family Therapy	GTHE 517	Seminar in Theological Research
GBIB 618	Matthew (Greek)	GCSL 676	Marriage Counseling	GTHE 518	Introduction to Theology
GBIB 619	Romans (English)	GCSL 679	Vocational and Occupational Guidance	GTHE 519	Church History: An Introduction
GBIB 621	Theology of the New Testament	GCSL 681	Group Dynamics	GTHE 539	Black Church History and Theology
GBIB 623	Galatians and James: Law and Gospel	GCSL 685	Assessment of Addictive Behavior	GTHE 551	Systematic Theology I
GBIB 624	Luke	GCSL 700	Spiritual Issues in Addictions Counseling	GTHE 561	Systematic Theology II
GBIB 625	Gospel and Letters of John	GCSL 722	Counseling Across the Lifespan	GTHE 571	Church History I
GBIB 626	The Book of Acts	GCSL 723	Counseling Children and Adolescent	GTHE 573	Major Religions of the World
GBIB 630	Pastoral Epistles	GCSL 724	Testing and Assessment I	GTHE 581	Church History II
GBIB 676	Pauline Theology and Early Jewish Thought	GCSL 732	Testing and Assessment II	GTHE 611	Theology of the Old Testament
GBIB 682	Synoptic Gospels (Greek)	GCSL 740	Drug and Alcohol Counseling Theory	GTHE 621	Theology of the New Testament
GBIB 683	Mark (Greek)	GCSL 750	Pharmacology of Drugs and Abuse	GTHE 622	The Doctrine of God
GBIB 688	The Jewish Background to the Gospels	GCSL 760	Cognitive Therapy	GTHE 624	Christian Apologetics
GBIB 692	Parables of Jesus	GCSL 762	Narrative Therapy	GTHE 631	Theological German
GBIB 697	Jewish and Christian Prayer in the Time of Jesus	GCSL 763	Counseling Practicum	GTHE 632	Theological French
GBIB 729	Colossians/Ephesians (Greek)	GCSL 764	Marriage and Family Practicum	GTHE 638	Contemporary Religious Cults
GBIB 769	Seminar in New Testament	GCSL 770	Diagnosis and Treatment of Psychopathology	GTHE 657	Theology of Martin Luther
GBIB 777	Exegesis of Romans (Greek)	GCSL 781	Counseling Internship I	GTHE 658	Biblical Authority
GBIB 787	Cross/Resurrection in the New Testament (Greek)	GCSL 782	Marriage and Family Internship I	GTHE 659	Ecclesiology: Church in the 21st Century
GBIB 921	Seminar in New Testament Theology	GCSL 784	Counseling Research	GTHE 663	Charismatic Theology
<b>Graduate Counseling</b>		GCSL 785	Counseling Internship II	GTHE 670	Contemporary Theology
GCSL 528	Christian Approaches to Counseling			GTHE 674	Denominational Politics
GCSL 539	The Contemporary Family			GTHE 675	The Early Church Fathers
				GTHE 676	The Age of Reformation
				GTHE 678	The Theology of Revival and Renewal
				GTHE 681	Historical Theology
				GTHE 684	Reformed Theology
				GTHE 685	Christianity and Islam
				GTHE 686	Theology of John Wesley

GTHE 692 Pneumatology  
 GTHE 694 The Pentecostal/Charismatic Movements in Historical Perspective  
 GTHE 696 Divine Healing: A Theological and Historical Study  
 GTHE 700 Post-Modernism and 21st Century Ministry  
 GTHE 744 Seminar in Historical Studies  
 GTHE 745 Seminar in Theological Studies  
 GTHE 749 Directed Study  
 GTHE 756 Thesis Research and Proposal  
 GTHE 757 Thesis Writing  
 GTHE 758 Thesis Extension  
 GTHE 760 Christology  
 GTHE 763 The Biblical Doctrine of Grace  
 GTHE 905 Dissertation Defense  
 GTHE 949 Directed Study  
 GTHE 951 History of Christian Doctrine  
 GTHE 961 History and Methods of Contextual Theology  
 GTHE 962 Doing Theology in the Global Christian Context  
 GTHE 965 History of Global Spirit Empowered Movements  
 GTHE 967 Contemporary Issues in Global Spirit-Empowered Christianity  
 GTHE 971 History and Theology of Missions  
 GTHE 972 Theology of Spirit-Empowered Mission  
 GTHE 974 Christian Theology and Other Religions  
 GTHE 976 Contextualized Leadership Development  
 GTHE 978 Global Pentecostalism and Social Engagement  
 GTHE 980 Directed Study  
 GTHE 981 Integrated Seminar in Contextual Theology 1  
 GTHE 982 Integrated Seminar in Contextual Theology 2  
 GTHE 990 Dissertation  
 GTHE 995 Dissertation Continuation  
 GTHE 999 Theological and Historical Studies Elective

#### **Proficiencies**

PRFT 049 Theological Research Proficiency  
 PRFT 050 French Proficiency  
 PRFT 051 Orientation to Counseling  
 PRFT 052 Hebrew Proficiency  
 PRFT 053 Greek Proficiency  
 PRFT 054 German Proficiency  
 PRFT 055 Spiritual Formation and Assessment  
 PRFT 056 Entry-Level Assessment  
 PRFT 057 Mid-Level Assessment Audit  
 PRFT 058 Candidacy-Level Assessment Audit  
 PRFT 061 Counseling Comprehensive  
 PRFT 062 Assessment III Professional Presentation

PRFT 064 Introduction to Counseling Practicum/ Internship  
 PRFT 065 Counselor Preparation Comprehensive Exam  
 PRFT 710 Entry-Level Assessment  
 PRFT 720 Mid-Level Assessment Audit  
 PRFT 730 Candidacy-Level Assessment  
 PRFT 759 Whole Person Assessment  
 PRFT 910 Entry Level Assessment  
 PRFT 920 Mid-Level Assessment  
 PRFT 930 Candidacy Level Assessment  
 PRFT 949 Research Methods  
 PRFT 990 Comprehensive Exams

#### **Practices of Ministry-Teaching Ministries**

PRM 549 Foundations of Teaching Ministries  
 PRM 554 Bible Institute Education  
 PRM 558 Spiritual Formation and Discipleship  
 PRM 560 Teaching the Bible  
 PRM 635 Human Growth and Development  
 PRM 650 Multimedia and Computers in Ministry  
 PRM 656 Adult Learners  
 PRM 657 Special Projects in Education and Ministry Setting  
 PRM 659 Administration of Teaching Ministries  
 PRM 671 Religion and Personality  
 PRM 734 Leadership for Team Ministries  
 PRM 746 Contemporary Issues in Teaching  
 PRM 757 Family Education  
 PRM 758 Seminar in Practices of Ministry  
 PRM 788 Leadership in Ministry  
 PRM 793 Church Administration

#### **Practices of Ministry-Church Ministry, Missions, and the Minister**

PRM 517 Intercultural Communication  
 PRM 506 Leadership in Context  
 PRM 511 Ministering Cross-Culturally  
 PRM 516 Theology and History of Global Mission  
 PRM 519 Missionary Basics  
 PRM 544 Developing Global Missional Churches  
 PRM 553 Ministry in the Urban Setting  
 PRM 573 Major Religions of the World  
 PRM 575 Anthropology for Ministry  
 PRM 578 Globalizing Theology  
 PRM 582 Introduction to Evangelism  
 PRM 583 Contextualized Urban Evangelism  
 PRM 635 Human Growth and Development  
 PRM 650 Multimedia and Computers in Ministry  
 PRM 651 Church in the Contemporary World

PRM 657 Special Projects in Education and Ministry Settings  
 PRM 660 Theology for Spirit-Empowered Ministry  
 PRM 661 Introduction to Preaching  
 PRM 663 Text to Sermon  
 PRM 664 Communicating Christ in Urban and Global Contexts  
 PRM 669 Practice Preaching and Laboratory  
 PRM 680 Pastoral Ministry Yesterday, Today, and Tomorrow  
 PRM 685 Spiritual Warfare and World Views in Conflict  
 PRM 691 Women in Ministry  
 PRM 697 Prayer: The Personal Discipline of the Minister  
 PRM 721 The Minister as Equipper  
 PRM 734 Leadership for Team Ministries  
 PRM 744 Church Planting in the 21st Century  
 PRM 758 Seminar in Practices of Ministry  
 PRM 767 The Preacher as Evangelist  
 PRM 773 Language Acquisition  
 PRM 775 Missionary Internship  
 PRM 777 Missiological Research Project

#### **Practices of Ministry-Pastoral Care**

PRM 673 Introduction to Pastoral Care  
 PRM 678 Advanced Pastoral Care  
 PRM 749 Directed Study  
 PRM 780 Clinical Pastoral Education  
 PRM 999 Practices of Ministry Elective

## Online and Lifelong Learning

Jay Gary, Ph.D., Assistant Dean

**Mission Statement:** To make an ORU education available in every person's world.

### Faculty

Faculty for online and lifelong learning at ORU are full-time faculty members in the various academic colleges at Oral Roberts University or highly qualified adjunct professors chosen for their knowledge, expertise, and commitment to the ethos and goals of the University.

### Overview

Online and lifelong learning is designed to provide flexible quality academic 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 on-campus faculty and colleges, students can earn a bachelor's degree through online and lifelong learning by choosing to follow an undergraduate major that can be completed entirely through online courses:

#### Undergraduate Majors

- Biblical Literature (English Bible and New Testament concentrations), B.A.
- Business Administration, B.S.
- Christian Caregiving and Counseling, B.A.
- Communication, B.A. and B.S.
- Digital Communication, B.S.
- Financial Management, B.S.
- Healthcare Administration, B.S.
- Historical and Philosophical Theology, B.A.
- Human Resource Management, B.S.
- Information Technology, B.S.
- International Business and Ministry, B.S.
- Leadership Studies, B.S.
- Liberal Studies, B.S.
- Management, B.S.
- Marketing, B.S.
- Ministry and Leadership (Church Administration, Evangelism and Outreach, and Local Church Pastor concentrations), B.A.
- Political Science, B.A.
- Psychology, B.A. and B.S.

#### Undergraduate Minors

- Christian Apologetics

- Christian Caregiving
- Church Administration
- Church History
- Church Ministries
- Communication
- Digital Communication
- English Bible
- Evangelism and Outreach
- General Business
- Healthcare Administration
- Information Technology
- Liberal Studies
- Non-Profit Business
- Political Science
- Psychology
- Theological Studies

### Graduate Programs

Graduate programs are available in Business Administration in Leadership, Christian Ministry, Organizational Leadership, Nursing (both master and doctoral level, and Sport and Leisure Administration.

#### Degree Programs

##### *Biblical Literature (B.A.)*

In conjunction with the ORU College of Theology and Ministry, the online Biblical literature major gives students and understanding of the Word of God and its application through a broad spectrum of exegetical tools and methods so that they may interpret the Bible responsibly within a theological-historical framework. Students who select the Biblical literature degree choose one of two concentrations, English Bible or New Testament. The English Bible concentration studies the entire Bible; the New Testament concentration studies the New Testament, which includes the acquisition of the Greek language.

##### *Business Administration (B.S.)*

In conjunction with the ORU College of Business, the online 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 which is offered through the ORU College of Business.

##### *Christian Caregiving and Counseling (B.A.)*

The ORU College of Theology and Ministry offers a major in Christian caregiving and counseling. 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 and counseling major is an excellent preparatory program for the Master of Arts in Professional Counseling offered through the ORU College of Theology and Ministry.

##### *Communication (B.A. and B.S.)*

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

##### *Digital Communication (B.S.)*

The digital communication major prepares students for a cross-platform career in social media with courses in graphic design, newswriting, photography, web design, storytelling, and communication research.

##### *Financial Management (B.S.)*

The financial management degree program develops students to become qualified financial managers who can effectively allocate and manage their company's financial resources. This major provides students with in-demand skills that companies need, such as understanding how to project a company's financial performance and fiscal health.

##### *Healthcare Administration, B.S.*

In conjunction with the Anna Vaughn School of Nursing, the B.S. in Healthcare Administration offers adult learners an in-demand degree that prepares individuals to function as health services administrators and managers. Includes instruction in health systems, public health policy and management, formulation and analysis, operations management, health communications, marketing, human resource management, and public health law and regulations.

##### *Historical & Philosophical Theology, B.A.*

The online Historical and Philosophical Theology 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.

#### ***Human Resource Management (B.S.)***

How an organization attracts, develops and manages its talent may be the single most important factor for success in today's knowledge-based economy. The major in human resource management can provide students with the technical knowledge and skills to work as a HR professional, helping management to create work environments that foster employee excellence.

#### ***Information Technology (B.S.)***

This program provides real-life skills for students who wish to serve as IT professionals and prepares students to take CompTIA certifications. Students will become equipped to offer IT solutions to organizations as database analysts, mobile application developers, information system security analysts, network engineers or web developers.

#### ***International Business and Ministry (B.S.)***

This program is for those who dream about working in international business as the foundation to build a ministry team, especially in a Spirit-empowered context. Students pair a business concentration with a minor in evangelism and missions to prepare for work in cross-cultural settings.

#### ***Leadership Studies (B.S.)***

The leadership studies program is offered through the College 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.

#### ***Liberal Studies (B.S.)***

This major is designed to facilitate degree completion for students with multiple areas of interest in the tradition of a liberal arts education. Students must have at least 45 credit hours completed in order to declare this major. To graduate, students must meet the minimum graduation requirements, General Education requirements, and complete at least 30 hours in upper division coursework (300

and 400 level courses), including a Senior Paper/Project.

#### ***Management (B.S.)***

The major in management prepares students for management or supervisory positions in either a corporate or entrepreneurial setting. All management majors complete the general business foundational courses, along with the core management courses. Students are equipped to organize work at a departmental level and to lead teams that exceed expectations.

#### ***Marketing (B.S.)***

The marketing major prepares a student for entry-level positions in marketing. Specialization in marketing gives the student of 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.

#### ***Ministry and Leadership (B.A.)***

According to Ephesians 4:11, evangelists, pastors and teachers have been appointed to 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 with 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. Students in this major choose from one of three concentrations: (1) church administration, (2) evangelism and outreach, and (3) local church pastor. Each concentration includes a cognate of hermeneutics, apologetics, research, systematic theology and an Old or New Testament elective. This major provides the student with an in-depth exploration of the Christian leader within the context of professional ministry and equips the student for his or her calling within a wide variety of leadership roles within local church and para-church ministries.

#### ***Political Science, (B.A.)***

Political Science examines power and authority relations in human communities including their foundations, their institutional organization, and how they are used to make public policy. Political science is the study of how people govern and are governed—and with what results—in cities,

states, and nations. A political science 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 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 political science 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.

#### ***Psychology (B.A. and B.S.)***

This program helps students to better understand themselves and others through an empirical approach to the study of human behavior, a knowledge of psychological principles, and an acquaintance with contemporary problems. The major can also prepare a student for graduate work in any of the variety of areas within which professional psychologists' function, such as clinical psychology, counseling psychology, and biological psychology.

#### ***Master in Business Administration in Leadership Program***

The online Master of Business Administration in Leadership program provides a course of study emphasizing the two critical components of outstanding business leadership--technical business knowledge and expertise across all of the core components of a highly-valued and traditional M.B.A. degree and effective leadership training, comprehensively integrated into one program. Being a great business leader is about both the technical side of business--gaining and applying knowledge and expertise across the fully integrated range of business concepts and disciplines--and it is about great leadership--creating and casting a strategic vision and inspiring and empowering others to the fulfillment of higher and better performance and outcomes, both professionally and personally. The M.B.A.-L program has been designed to deliver both of these areas of emphasis through a fully online cohort program. More information

#### ***Master of Christian Ministry***

In conjunction with the College of Theology and Ministry, the Master of Christian Ministry offers a practice-based degree with a "learn today--use it tomorrow" approach. This program is fully online without a residency requirement. It is

designed for those who have been out of college for at least two years, and are looking for an affordable way to study the Bible, theology, spirituality, and ministry from both pastoral and community viewpoints.

#### ***Master of Organizational Leadership***

In conjunction with the College of Arts and Cultural Studies, the Master of Organizational Leadership offers working professionals an in-depth study of personal, organizational, and public leadership in a disruptive age. Building from a foundation of empowerment, this program coaches change agents in non-profit, private, or public agencies to leverage their workplace learning to develop talent in other and create visionary teams that can use design thinking to scale technology.

#### ***Master of Science in Sport & Leisure Administration***

The M.S. in Sport and Leisure Administration offers adult learners an in-demand degree that prepares them to function as sport, fitness or leisure administrators. Includes instruction in program administration, finances and analytics, social media, marketing, event promotion, facility operations, legal and ethical aspects of sport and leisure organizations.

#### ***Master of Science in Nursing***

A Master of Science in Nursing prepares registered nurses and managers to build a career as a nurse educator or administrator in academic and clinical settings, in keeping with ORU's whole in spirit, mind and body philosophy. Includes instruction in advanced nursing practice, nursing staff and role development, program and course design, curriculum and instructional development, clinical instruction, and evaluation of learning. The program prepares professional nurses to appraise both quality indicators of nursing care and deploy teaching/learning strategies in a variety of health care settings to enhance nursing outcomes.

#### ***Doctor of Nursing Practice***

The DNP degree provides the graduate with advanced education in areas such as leadership, advanced practice role development, health policy, economics and finance, quality improvement, process improvement, population health, applied research and much more. In our Family Nurse Practitioner (FNP) tract, the FNP-specific medical courses prepare the graduate for national certification and state licensure as a Family Nurse Practitioner.

#### ***English Language Learner Certificate***

This 18 credit hour online undergraduate or graduate certificate program prepares students to teach English as a Second Language. Designed for K-12 teachers who teach in multicultural contexts, this program provides the methods and materials to empower bilingual learners.

#### ***Special Education Certificate***

This 18 credit hour online graduate certificate program prepares students to become Special Education teachers through focused 7-week courses. Students will study diagnostic methods, early intervention strategies, effective teaching curriculum, and counseling both students and parents.

### **Enrollment**

#### **Admission Requirements**

Candidates demonstrating strong academic ability, Christian commitment through signing the Honor Code upon the point of application for admission, and a desire to pursue their 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.

The University reserves the right to refuse or revoke admission or readmission to any prospective student or returning student. Any applicant who intentionally withholds pertinent information or who falsifies information may be required to withdraw from ORU.

In addition, if certain documentation is not available or does not meet admission standards, the Office of Admissions reserves the right to offer admission to students based on professional judgment.

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 Admissions Office.

#### ***First-Time Freshman 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.

- A composite ACT score of at least 20 or an old combined SAT score of at least 940 or a new combined SAT score of 1030 on the verbal and math sections. For the 2021-2022 academic year, test scores remain optional.

#### **Items to Be Submitted**

Applicants must submit the following items to the Office of Admissions in order to be considered as candidates for admission. A decision will not be made until all documentation has been received and evaluated.

- Application for Admission
- Academic Records Prior to acceptance, applicants must submit an official transcript (see below for details) from an accredited high school or an official transcript of the General Educational Development (GED) test scores. Applicants with prior college coursework must submit official transcripts from all colleges attended. To be considered complete, a high school transcript must meet the following minimum requirements:
- Preliminary transcript – must reflect all coursework and final grades received for grades 9-11, and an overall grade point average (GPA).
- Final transcript – must reflect all coursework and final grades received for grades 9-12, must list graduation date, and an overall GPA.
- Test Scores: An ACT or SAT test score will be required of any applicant that is within five years of high school graduation. For 2021-2022 academic year, test scores remain optional.
- Other Documentation If the Admissions Committee determines that additional information is needed in order to make a determination on the applicant's status, the applicant may be required to submit letters of recommendation or other relevant documentation.

#### ***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.

Full Acceptance Transfer students with a minimum 2.0 cumulative/combined GPA for all colleges and universities attended are considered for full acceptance.

#### **Items to Be Submitted**

Applicants must submit the following items to the Office of Admissions in order to be considered as candidates for admission. A decision will not be made until

all documentation has been received and evaluated.

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

Before submitting unofficial transcripts, please make sure they include the following:

- Applicant's First and Last Name
- School name or logo printed on the document
- List of completed courses and earned credit

Upon an admission decision, official transcripts are required within 60 days; official transcripts are required in order to register for a second semester of courses.

**Other Documentation** If the Admissions Committee determines that additional information is needed in order to make a determination on the applicant's status, the applicant may be required to submit letters of recommendation or other relevant documentation.

### ***International Student Applicants***

An international applicant is defined as any student applying to ORU who holds a visa allowing study, and is not a U.S. citizen, permanent resident, or asylee.

International applicants are considered for admission under the same criteria as first-time freshman and transfer applicants (see above) with the following additional requirements:

English proficiency is required for students whose first language is not English. This proficiency can be met with an acceptable TOEFL or IELTS score. A minimum TOEFL (Test of English as a Foreign Language) score of 500 (173-computer-based or 61 Internet-based). A minimum IELTS (International English Language Testing System) score of 6.0 on the Academic Module.

A photocopy of the name page of the applicant's passport. If the applicant does not yet have a passport, the applicant must include the name as it appears on the applicant's national identity card or birth certificate.

All alternate names and variations of the applicant's names need to be on the applicant's application to ORU. It is extremely important that all correspondence, forms, transcripts, etc., use the same name and spelling. Materials cannot be often matched when spelling or use of the name is inconsistent.

### ***Non-Degree Seeking Applicants***

Non degree seeking 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. Financial aid is not available for students with Special Student status.

### ***Applicants for Readmission***

Students who have not enrolled within one calendar year are required to submit an Application for Readmission. Applicants for readmission must be approved by the reapplication committee. Students are readmitted under current degree plans and policies, which could alter the students' previously approved degree plans.

### ***Admission to the Master of Science in Nursing Program***

#### **Applicants from the United States**

Applications for the Master of Science in Nursing degree with a Nursing Education concentration are accepted year-round with cohorts beginning enrollment in either the Fall or Spring semesters. Applicants will be reviewed for admission on the strength of their ability to successfully complete graduate studies, and based upon the criteria listed below.

Application to MSN program.

- Active Registered Nurse (RN) license in good standing. Applicant must hold license in state(s) in which student will do MSN clinical practicums and the MSN capstone project.

- Official transcript of BSN degree from a regionally accredited university and a nationally accredited nursing program (e.g., The Accreditation Commission for Education in Nursing (ACEN) or the Commission on Collegiate Nursing Education (CCNE).

- Minimum 3.0 cumulative GPA for BSN and a minimum 2.5 GPA in nursing courses.
- A minimum grade of "C" in an undergraduate statistics course.
- Three letters of reference with at least two from nursing professionals/professors.
- Personal goal statement.
- Professional resume.
- Evidence of a background check within three months of application. Background check to include the following:
  - 7-year criminal history for each county of residence.
  - National sex offender registry.
  - Social security verification.
  - Residency history.
  - National healthcare fraud and abuse scan (OIG, GSA)

### **International Applicants**

Additional documents to the above include the following:

MSN International Applicants: Official transcript showing a four-year baccalaureate degree in nursing or its U.S. equivalent from an accredited institution of higher learning and official transcripts from ALL post-secondary institutions, TOEFL scores, entrance exams scores (GRE or GMAT for MBA), and evidence of financial support (Affidavit of Support)

- MSN International Applicants: Official transcript showing a four-year baccalaureate degree in nursing or its U.S. equivalent from an accredited institution of higher learning and official transcripts from ALL post-secondary institutions, TOEFL scores, entrance exams scores (GRE or GMAT for MBA), and evidence of financial support (Affidavit of Support)
- Documentation of English proficiency as evidence by
  - (a) a minimum TOEFL (Test of English as a Foreign Language) score : 550, paper-based; 213, computer-based; or 80 web-based; or
  - (b) A minimum 6 IELTS score (International English Language Testing System).
- A Credentials Evaluation Service (CES) Professional Report. This report provides a detailed analysis of the credentials earned at multiple levels of nursing education received outside the United States.
- A Credentials Evaluation Service Academic Report. This report provides a detailed analysis of all nursing education received outside the United States.

### **Admission Decision**

Once the Admissions Committee has reviewed all documents, the Committee will inform the applicant of admission decision in writing. If the Admissions Committee requires clarification of documentation, the Committee may request additional documentation of participation in a phone or onsite interview.

### **Admission to Practicum Experiences**

Students must complete practicum experiences as scheduled throughout the program.

Students are responsible for securing their practicum experiences. However, faculty must approve practicum sites and preceptors.

Participation in practicum requires documentation of each of the following:

- Immunizations up to date to current standards.
- Current CPR certification (American Red Cross, CPR for Healthcare Providers)
- Current tuberculin (TB) skin test or chest x-ray.

### **Admission to the Doctor of Nursing Practice Program**

All policies stated in the current ORU Academic Catalog apply unless otherwise stated.

Once the Admissions Committee has reviewed all documents, the Committee will inform the applicant of admission decision in writing. If the Admissions Committee requires clarification of documentation, the Committee may request additional documentation of participation in a phone or onsite interview.

### **Applicants from the United States**

Submit the following documents to the DNP Admission Committee:

- Application to DNP program.
- Active Registered Nurse (RN) license in good standing. Applicant must hold license in state(s) in which student will do clinical practicums and the DNP capstone project.
- Official transcript of BSN degree from a regionally accredited university and a nationally accredited nursing program (e.g., The Accreditation Commission for Education in Nursing (ACEN) or the Commission on Collegiate Nursing Education (CCNE).
- Minimum 3.0 cumulative GPA for BSN and a minimum 2.5 GPA in nursing courses.
- A minimum grade of "C" in an undergraduate or graduate inferential statistics course.
- Curriculum vitae (CV).

- Three letters of reference with at least two from nursing professionals.
- Reflection Paper not to exceed two double-spaced, typed pages. Reflection paper to include professional objectives, perceived personal strengths and areas for improvement, and expectations of support for progressing through the program.
- Evidence of at least 2,000 (two thousand) hours work experience as a professional nurse prior to beginning Year 2 of the DNP program.
- Evidence of a background check within three months of application. Background check to include the following:
  - 7-year criminal history for each county of residence.
  - National sex offender registry.
  - Social security verification.
  - Residency history.
  - National healthcare fraud and abuse scan (OIG, GSA)

### **International Applicants**

Additional documents include the following:

- Documentation of English proficiency as evidence by
  - A minimum TOFEL (Test of English as a Foreign Language) score: 550, paper-based; 213, computer-based; or 80 web-based; or
  - A minimum 6 IELTS score (International English Language Testing System).
- A Credentials Evaluation Service (CES) Professional Report. This report provides a detailed analysis of the credentials earned at multiple levels of nursing education received outside the United States.
- A Credentials Evaluation Service Academic Report. This report provides a detailed analysis of all nursing education received outside the United States.

Access the CES Professional Report application on the CGFNS International website (<https://www.cgfns.org/>). CGFNS International is an immigration neutral nonprofit organization that helps foreign educated healthcare professionals live and work in their country of choice by assessing and validating their academic and professional credentials.

### **Admission to Practicum Experiences**

Students must complete a minimum 1000 clock hours of practicum experience as scheduled throughout the program.

Students are responsible for securing their practicum experiences. However, faculty must approve practicum sites and preceptors.

Participation in practicum requires documentation of each of the following:

- Immunizations up to date to current standards.
- Current CPR certification (American Red Cross, CPR for Healthcare Providers)
- Current tuberculin (TB) skin test or chest x-ray.

### **Policies**

All policies stated in the current ORU Academic Catalog apply unless otherwise stated.

### **Online for Residential Students**

Main-campus-degree students may take up to sixteen hours of online courses in a given fall or spring semester (eight hours in each of the two seven-week sessions), but they must be approved via "Online Course Request" petition to take classes and pay the Online and Lifelong Learning course per-credit-hour rate above their UG tuition block. In the summer seven-week sessions, main-campus-degree students may self-enroll in online courses without petitioning, but all other above policies apply.

### **Curriculum and Course Credit**

#### **Course Load and Format**

The normal course load for a full-time online student is six credit hours in each term. No student may take more than eight hours in a term without the approval of the academic department chair.

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.

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 or may be made available digitally for a course fee via the FollettAccess program.

### **Test-Outs and Other Examinations**

Proficiency Exams--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.

Examinations 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. Students who enroll in test-out exams are charged ½ tuition for each course/exam.

### **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. To begin, students should consult with the prior learning assessment (PLA) designated faculty member to determine whether PLA is the right choice for them. If approved, students enroll in the 3-credit-hour GEN 101 Prior Learning Assessment course and complete assignments that help them prepare portfolio(s) for each requested course, which are then evaluated by the academic department over each course. There is no guarantee that PLA credit will be awarded for each requested course. Up to 30 credit hours may be earned as advanced standing through the PLA process. Advanced standing earned through the PLA process will not transfer to other institutions.

### **HPE Requirements**

All degree-seeking students are required to enroll in and pass the Discovering 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.

### **Health Fitness Requirements for ORU Graduates**

GHPE 503 – Graduate Health Fitness may be substituted with an additional activity course if the student successfully completed the required non-activity Health & Physical Education courses OR GHPE 503 while pursuing a previous degree at ORU. The additional activity class may be taken at either 0.5 or 1 credit hour as allowed by the course description and catalog.

### **Incomplete Policy**

On rare occasions, the grade of "I" may be 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. Good cause typically consists of a catastrophic event in which the student is prevented from completing the course requirements. It is the responsibility of the student to initiate the petition, make up any incomplete work, and ask the instructor to review a petition for a grade change. If the work is not completed by the end of the subsequent session, the incomplete will automatically convert to an "F." For graduating seniors, the degree will be awarded in the term that the student completes his or her course work, not the final term of enrollment.

### **Master of Science in Nursing Course Load, Progression, Grading & Graduation**

#### **Full-Time Academic Status**

Full-time graduate status requires enrollment in at least six (6) credits per semester (and therefore 3 per 7-week online term).

#### **Progression**

Progression in the program requires that the student remain in good academic standing, demonstrated by the following:

- Maintain a 3.0 GPA on a 4.0 scale.
- Achieve a minimum letter grade "B" in all courses.
- Complete practicum clock hours as designated throughout the program.
- Complete a Capstone project.

Students have one opportunity to repeat a course or practicum.

#### **Grading Information**

Grade assignments are "A", "B", "C", "D" or "F". Calculation of a grade-point average (GPA) is as follows:

- "A" 4 points
- "B" 3 points
- "C" 2 points
- "D" 1 point
- "F" 0 points

MSN students must achieve grades of "A" or "B" in all courses.

Students may re-take only one course in order to achieve the required grade.

Students must maintain a minimum cumulative GPA of 3.0.

### **Graduation Information**

The student may apply for graduation upon completion of the following.

- 34.5 credit hours as designated on the degree plan sheet.
- Courses distinctive to ORU.
- MSN core courses.
- MSN Education track courses core courses.
- Completed all designated practicum experiences.
- Completion Capstone Project.

Students who are able to meet the necessary requirements, complete all coursework as assigned, and complete practicum hours and assignments as directed will proceed through the MSN program as designed.

### **Doctor of Nursing Practice Course Load, Progression, Grading & Graduation**

#### **Full-Time Academic Status**

Full-time graduate status requires enrollment in at least six (6) credits per semester. Full-time enrollment occurs during the fall and spring semesters of the academic year. Summer enrollment may vary depending on path of progression through the program.

#### **Progression**

Progression in the program requires that the student remain in good academic standing, demonstrated by the following:

- Maintain a 3.0 GPA on a 4.0 scale.
- Achieve a minimum letter grade "B" in practicum courses.
- Pass Test(s) of Advanced Clinical Skills as designated.
- Complete practicum clock hours as designated throughout the program.

Students have one opportunity to repeat a course or practicum.

#### **Grading Information**

Grade assignments are "A", "B", "C", "D" or "F". Calculation of a grade-point average (GPA) is as follows:

- "A" 4 points
- "B" 3 points
- "C" 2 points
- "D" 1 point
- "F" 0 points

DNP students must achieve grades of "A", "B", or "C" in non-clinical courses.

Students must achieve grades of "A" or "B" in clinical practicum courses. Students may re-take only one course in order to achieve the required grade.

Students must maintain a minimum cumulative GPA of 3.0.

### **Graduation Information**

The student may apply for graduation upon completion of the following.

- Seventy (70) credit hours as designated on the degree plan sheet.
- Courses distinctive to ORU.
- DNP core courses.
- FNP core courses.
- Minimum 1000 clock hours of practicum experience.
- Completion Scholarly Project.

Students who are able to meet the necessary requirements, complete all coursework as assigned, complete practicum hours and assignments as directed and pass their skills check-off (the Advanced Skills Practicum) will proceed through the DNP program as designed.

## **Curricula**

### **Biblical Literature Degree**

#### **Bachelor of Arts**

This major is offered online through the ORU College of Theology and Ministry.

<b>General Education</b>	Credit Hours
Intro. to Whole Person Edu. (GEN 114)	3
English (COMP 102, 303)	6
Foreign Language	6
Oral Communication (COM 101)	3
Humanities	6
Biblical Literature (BIB 222 and 261)	6
Theology (THE 104 and 105)	4
Laboratory Science	4
(Choice one of the following: BIO 101/101L, PSC 101/101L, CHE 101/101L)	
Mathematics (MAT 232)	3
Civics	3
(Choice of GOV 101, 103; HIS 110, 111, 200)	
Social Science Elective	3
(Choice of one of the following: PSY 201, FIN 244, SOC 101, SOC 201, BUS 201)	
Scaffolding Interdisciplinary Electives	9
Health and Physical Education (HPE 171, 172, 101, 102)	4
<b>General Education Total</b>	<b>60</b>

#### **Major**

THE 499 Senior Paper	3
<b>Major Total</b>	<b>3</b>

#### **Concentrations**

Students need to complete one of the following concentrations and the cognate.

#### **English Bible Concentration**

BIB 362 Jesus and the Gospels	3
BIB 421 Pentateuch	3

BIB 438 Intertestamental Literature	3
BIB Electives in New Testament	6
BIB Electives in Old Testament	6
BIB Elective in New or Old Testament	3
THE 398 Research Practicum	3

Concentration Total 27

#### **New Testament Concentration (NTC)**

BIB 251 Biblical Greek I	3
BIB 252 Biblical Greek II	3
BIB 346 Luke/Acts	3
BIB 351 Greek Exegesis I	3
BIB 362 Jesus and the Gospels	3
BIB 364 The Pauline Epistles	3
BIB 373 Johannine Literature	3
BIB Elective in New Testament	3
THE 398 Research Practicum	3

Concentration Total 27

#### **Cognate**

BIB 306 Hermeneutics	3
THE 217 Sem. in Theological Research	3
THE 320 Systematic Theology	3
THE 461 Hist. of Christianity I: Early Church	3
CHRM 305 Teaching the Bible	3
Choice of one of the following courses:	3
THE 303 Major Religions of the World	
THE 415 Christian Apologetics	

Cognate Total 18

Electives 16

Degree Total 124

### **Business Administration Degree**

#### **Bachelor of Science**

This major is offered online through the ORU College of Business.

<b>General Education</b>	Credit Hours
Intro. to Whole Person Edu. (GEN 114)	3
English (COMP 102)	3
Foreign Language	3
Oral Communication (COM 101)	3
Humanities	6
Biblical Literature	4
Theology (THE 104 and 105)	4
Laboratory Science	4
Science Elective	3
Mathematics (MAT 232)	3
Civics	3
Social Science Elective (BUS 201)	3
Health and Physical Education (HPE 171, 172, 101, 102)	4

General Education Total 46

#### **Major**

ACT 215 Financial Accounting	3
ACT 216 Managerial Accounting	3

ACT 320 Quantitative Analysis	3
BUS 325 Business Law I	3
BUS 499 Senior Paper	3
FIN 338 Financial Management	3
MGT 130 Principles of Management	3
MGT 431 Strategic Management	3
MKT 130 Principles of Marketing	3
Choice of one of the following courses:	3
BUS 326 Business Law II	
BUS 451 Business Internship	

Major Total 30

#### **Cognate**

BUS 100 Introduction to Business	2
BUS 202 Principles of Economics II	3
BUS 400 Senior Seminar	1
FIN 244 Personal Financial Planning	3
MAT 105 College Algebra	3
MGT 341 Business Communications	3

Cognate Total 15

Minor<sup>1</sup> 18

Electives 11

Degree Total 120

### **Christian Caregiving and Counseling Degree**

#### **Bachelor of Arts**

This major is offered online through the ORU College of Theology and Ministry.

<b>General Education</b>	Credit Hours
Intro. to Whole Person Edu. (GEN 114)	3
English (COMP 102, 303)	6
Foreign Language	6
Oral Communication (COM 101)	3
Humanities	6
Biblical Literature (BIB 222, 261)	6
Theology (THE 104 and 105)	4
Laboratory Science	4
Mathematics (MAT 232)	3
Civics	3
Social Science Elective <sup>2</sup>	3
Scaffolding Interdisciplinary Electives	9
Health and Physical Education (HPE 171, 172, 101, 102)	4
<b>General Education Total</b>	<b>60</b>

#### **Major**

CCC 301 Introduction to Christian Caregiving	3
CCC 303 Issues and Identity of the Caregiver	3
CCC 321 Pastoral Approaches to Counseling	3
CCC 339 Developing Helping Skills	3
CCC 411 Practical Applications of Helping Skills	3
CCC 429 Substance Abuse	3
CCC 499 Senior Practicum/Paper	3

<sup>1</sup> Minor must be outside the College of Business.

<sup>2</sup> Choice of one of the following: BUS 201, FIN 244, SOC 101, SOC 201

CHRM 395	Intercultural Field Experience	1
PSY 338	Psychology of Abnormal Behavior	3
THE 217	Seminar in Theological Research	3
Choice of one of the following courses:		3
CCC 332	Lifespan Development	
PSY 301	Developmental Psychology	
Choice of one of the following courses:		3
CCC 324	Foundations of Personality Development	
PSY 321	Psychology of Personality Development	
Choice of one of the following courses:		3
CCC 405	Crisis Intervention	
CCC 426	Assessment and Evaluation	
Major Total		37

**Cognate**

CHRM 302	Christian Leadership	3
PHIL 401	Ethics	3
PSY 201	Principles of Psychology	3
Choice of one of the following courses:		3
THE 299	Introduction to Theology	
THE 320	Systematic Theology	
Cognate Total		12
Minor <sup>1</sup> and/or Electives		16
Degree Total		125

**Communication Degree****Bachelor of Arts or Bachelor of Science**

This major is offered online through the ORU College of Arts and Cultural Studies.

General Education		Credit Hours
Intro. to Whole Person Edu. (GEN 114)		3
English (COMP 102, 303)		6
Foreign Language <sup>2</sup>		6
Oral Communication (COM 101)		3
Humanities		6
Biblical Literature		4
Theology (THE 104 and 105)		4
Laboratory Science <sup>2</sup>		4
Mathematics (MAT 232)		3
Civics		3
Social Science Elective		3
Scaffolding Disciplinary Electives		9
Health and Physical Education (HPE 171, 172, 101, 102)		4
General Education Total		58

**Major**

CAM 451	Communication Internship	3
COM 203	Interpersonal Communication	3
COM 300	Organizational Communication	3

COM 302	Advanced Public Speaking	3
COM 309	Argumentation and Persuasion	3
COM 342	Communication Theory	3
COM 410	Conference Leadership and Event Planning	3
COM 412	Training and Development	3
COM 425	Intercultural Communication	3
COM 446	Business and Professional Speech	3
COM 498	Senior Paper Preparation	1
COM 499	Senior Paper/Project	2
Major Total		33
Minor		18
Electives		13
Degree Total		122

**Digital Communication Degree****Bachelor of Science**

This major is offered online through the ORU College of Arts and Cultural Studies.

General Education		Credit Hours
Intro. to Whole Person Edu. (GEN 114)		3
English (COMP 102, 303)		6
Foreign Language		3
Oral Communication (COM 101)		3
Humanities		6
Biblical Literature		4
Theology (THE 104 and 105)		4
Laboratory Science		4
Science Elective		3
Mathematics (MAT 232)		3
Civics		3
Social Science Elective (BUS 201)		3
Scaffolding Interdisciplinary Electives		9
Health and Physical Education (HPE 171, 172, 101, 102)		4
General Education Total		58

**Major**

CAM 451	Communication Internship	3
DCM 100	Digital Society	3
DCM 101	Digital Composition	3
DCM 107	Digital Newswriting	3
DCM 130	Digital Photography	3
DCM 140	Digital Storytelling	3
DCM 200	Web-Design	3
DCM 205	Cross-Platform Writing	3
DCM 320	Communication Research	3
DCM 321	Media Law and Ethics	3
DCM 327	Social Media Management	3
DCM 421	Media Markets	3
DCM 498	Capstone Preparation	1
DCM 499	Capstone Project	2
Major Total		39

**Cognate**

MKT 130	Principles of Marketing	3
MKT 334	Integrated Marketing Comm.	3
Choice of two of the following courses:		6
COM 302	Advanced Public Speaking	
COM 309	Argumentation and Persuasion	
MGT 341	Business Communication	
MKT 333	Consumer Behavior	
Cognate Total		12
Electives <sup>3</sup>		11
Degree Total		120

**Financial Management Degree****Bachelor of Science**

This major is offered online through the ORU College of Business.

General Education		Credit Hours
Intro. to Whole Person Edu. (GEN 114)		3
English (COMP 102)		3
Foreign Language		3
Oral Communication (COM 101)		3
Humanities		6
Biblical Literature		4
Theology (THE 104 and 105)		4
Laboratory Science		4
Science Elective		3
Mathematics (MAT 232)		3
Civics		3
Social Science Elective (BUS 201)		3
Health and Physical Education (HPE 171, 172, 101, 102)		4
General Education Total		46

**Major**

ACT 442	Federal Income Tax Accounting	3
BUS 499	Senior Paper	3
FIN 244	Personal Financial Planning	3
FIN 338	Financial Management	3
FIN 418	Investments	3
FIN 438	Advanced Financial Management	3
FIN 460	International Financial Management	3
FIN 461	Capital Markets	3
Choose two of the following classes:		6
ACT 327	Intermediate Accounting I	
FIN 451	Finance Internship	
FIN 472	Principles of Estate Planning	
MGT 351	Risk Management	
Major Total		30

**Cognate**

ACT 215	Financial Accounting	3
ACT 216	Managerial Accounting	3
ACT 320	Quantitative Analysis	3
BUS 100	Introduction to Business	2

<sup>1</sup> Students may not pair a Christian Caregiving minor with this major.

<sup>2</sup> Students pursuing the B.S. degree complete one additional science lecture in

lieu of a second foreign language course.

<sup>3</sup> This degree requires Digital Communication majors to earn 72 hours outside the major. Additional in-

department courses in DCM, ADV, CAM, JRN, PRP, MMC, and/or TVF may not be applied to the minimum 72 hours designated as non-major courses.

BUS 202	Principles of Economics II	3
BUS 325	Business Law I	3
BUS 326	Business Law II	3
BUS 400	Senior Seminar	1
MAT 105	College Algebra	3
MGT 130	Principles of Management	3
MGT 341	Business Communication	3
MGT 431	Strategic Management	3
MKT 130	Principles of Marketing	3
Cognate Total		36
Electives		8
Degree Total		120

### **Healthcare Administration Degree**

#### **Bachelor of Science**

This major is offered online through the ORU College of Arts and Cultural Studies.

<i>General Education</i>		Credit Hours
Intro. to Whole Person Edu. (GEN 114)		3
English (COMP 102, 303)		6
Foreign Language		3
Oral Communication (COM 101)		3
Humanities		6
Biblical Literature		4
Theology (THE 104 and 105)		4
Laboratory Science		4
Science Elective		3
Mathematics (MAT 232)		3
Civics		3
Social Science Elective		3
Scaffolding Interdisciplinary Electives		9
Health and Physical Education (HPE 171, 172, 101, 102)		4
General Education Total		58

#### **Major**

HCA 220	Design in Healthcare Delivery	3
HCA 240	Healthcare to the Nations	3
HCA 320	Quality Process Improvement	3
HCA 340	Population Health Management	3
HCA 420	Healthcare & Patient Safety Management	3
HCA 430	Emergency & Disaster Management in Healthcare	3
HCA 440	Leadership in Health Administration	2
HCA 498	Research/Senior Paper I	2
HCA 499	Research/Senior Paper I	2
NUR 365	Evidence-Based Practice I	3
Choice of one of the following:		3
HCA 451	Healthcare Internship	
NUR 335	Health Informatics	
Major Total		30

#### **Cognate**

ACT 215	Financial Accounting	3
MGT 130	Principles of Management	3
MGT 341	Business Communication	3
MGT 353	Human Resource Management	3

MKT 130	Principles of Marketing	3
Cognate Total		15
Electives		17
Degree Total		120

### **Historical and Philosophical**

#### **Theology Degree**

##### **Bachelor of Arts**

This major is offered online through the ORU College of Undergraduate Theology.

<i>General Education</i>		Credit Hours
Intro. to Whole Person Edu. (GEN 114)		3
English (COMP 102, 303)		6
Foreign Language		6
Oral Communication (COM 101)		3
Humanities		6
Biblical Literature (BIB 222 and 261)		6
Theology (THE 104 and 105)		4
Laboratory Science		4
Mathematics (MAT 232)		3
Civics		3
Social Science Elective		3
Scaffolding Disciplinary Electives		9
Health and Physical Education (HPE 171, 172, 101, 102)		4
General Education Total		60

#### **Major**

BIB 306	Hermeneutics	3
BIB	Elective in Old or New Testament	3
PHIL 302	Introduction to Philosophy	3
PHIL 401	Ethics	3
PHIL 470	Philosophy of Religion	3
PHIL 473	Philosophy/Theology in Modern Culture	3
THE 217	Seminar in Theological Research	3
THE 299	Introduction to Theology	3
THE 303	Major Religions	3
THE 320	Systematic Theology	3
THE 353	History of Christianity in America	3
THE 398	Research Practicum	3
THE 415	Christian Apologetics	3
THE 461	History of Christianity I: Early Church	3
THE 464	Prayer	3
THE 499	Senior Paper	3
Major Total		48
Electives		16
Degree Total		124

### **Human Resource Management Degree**

#### **Bachelor of Science**

This major is offered online through the ORU College of Business.

<i>General Education</i>		Credit Hours
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Intro. to Whole Person Edu. (GEN 114)	3
English (COMP 102)	3
Foreign Language	3
Oral Communication (COM 101)	3
Humanities	6
Biblical Literature	4
Theology (THE 104 and 105)	4
Laboratory Science	4
Science Elective	3
Mathematics (MAT 232)	3
Civics	3
Social Science Elective (BUS 201)	3
Health and Physical Education (HPE 171, 172, 101, 102)	4

General Education Total 46

#### **Major**

BUS 499	Senior Paper	3
FIN 338	Financial Management	3
MGT 130	Principles of Management	3
MGT 341	Business Communication	3
MGT 352	Organizational Behavior	3
MGT 353	Human Resource Management	3
MGT 431	Strategic Management	3
MGT 460	Workforce Planning & Employment Law	3
MGT 470	Compensation and Benefits	3
Choice of one of the following:		3
MGT 451	Management Internship	
MGT 461	Conflict Resolution	
MGT 465	Administration of Non-Profit Organizations	
Major Total		30

#### **Cognate**

ACT 215	Financial Accounting	3
ACT 216	Managerial Accounting	3
ACT 320	Quantitative Analysis	3
BUS 100	Introduction to Business	2
BUS 202	Principles of Economics II	3
BUS 325	Business Law I	3
BUS 326	Business Law II	3
BUS 400	Senior Seminar	1
FIN 244	Personal Financial Planning	3
MAT 105	College Algebra	3
MKT 130	Principles of Marketing	3
Cognate Total		30
Electives		14
Degree Total		120

### **Information Technology Degree**

#### **Bachelor of Science**

This major is offered online through the ORU College of Science and Information.

<i>General Education</i>		Credit Hours
Intro. to Whole Person Edu. (GEN 114)		3
English (COMP 102, 303)		6
Foreign Language		3
Oral Communication (COM 101)		3
Humanities		6

Biblical Literature	4	General Education Total	46
Theology (THE 104 and 105)	4		
Laboratory Science	4		
Science Elective	3		
Mathematics (MAT 232)	3		
Civics	3		
Social Science Elective	3		
Scaffolding Disciplinary Electives	9		
Health and Physical Education (HPE 171, 172, 101, 102)	4		
General Education Total	58		

**Major**

IT 101	Info. Tech. Fundamentals	3	Major Total	30
IT 111	Programming	3		
IT 211	Networking	3		
IT 231	Web Systems/Technologies	3		
IT 301	Information Management	3		
IT 361	System Admin. & Maintenance	3		
IT 371	Integrative Programming	3		
IT 411	Information Assurance and Security	3		
IT 451	Project Management	3		
IT 499	IT Capstone	3		
Major Total		30		

**Cognate**

IT 201	Human Computer Interaction	3	Cognate Total	12
IT 251	Technical/Professional Comm.	3	Theology Minor Total <sup>1</sup>	18
MAT 105	College Algebra	3	Electives	8
MAT 208	Elementary Discrete Mathematics	3	Degree Total	120
Cognate Total		12		
Minor Total		18		
Electives		2		
Degree Total		120		

**International Business and Ministry Degree****Bachelor of Science**

This major is offered online through the ORU College of Business.

General Education	Credit Hours
Intro. to Whole Person Edu. (GEN 114)	3
English (COMP 102)	3
Foreign Language	3
Oral Communication (COM 101)	3
Humanities	6
Biblical Literature	4
Theology (THE 104 and 105)	4
Laboratory Science	4
Science Elective	3
Mathematics (MAT 232)	3
Civics	3
Social Science Elective (BUS 201)	3
Health and Physical Education (HPE 171, 172, 101, 102)	4

**Major**

ACT 215	Financial Accounting	3
ACT 216	Managerial Accounting	3
ACT 320	Quantitative Analysis	3
BUS 361	International Business	3
BUS 499	Senior Paper	3
FIN 338	Financial Management	3
MGT 130	Principles of Management	3
MGT 431	Strategic Management	3
MKT 130	Principles of Marketing	3
MKT 361	International Marketing	3

**Cognate**

BUS 100	Introduction to Business	2	Cognate Total	18
BUS 202	Principles of Economics II	3	Theology Minor Total <sup>1</sup>	18
BUS 325	Business Law I	3	Electives	8
BUS 451	Business Internship	3	Degree Total	120
BUS 400	Senior Seminar	1		
MAT 105	College Algebra	3		
MGT 341	Business Communication	3		

**Leadership Studies Degree****Bachelor of Science**

This major is offered online through the ORU College of Arts and Cultural Studies. There are two tracks: LDR, for students following the full degree plan; or LDRD, a degree-completion option for students who are transferring in at least 60 hours of college credit. Degree-completion (LDRD) students may replace Area #2 requirements with their transferred credits with the approval of the department chair.

General Education	Credit Hours
Intro. to Whole Person Edu. (GEN 114)	3
English (COMP 102, 303)	6
Foreign Language	3
Oral Communication (COM 101)	3
Humanities	6
Biblical Literature	4
Theology (THE 104 and 105)	4
Laboratory Science	4
Science Elective	3
Mathematics (MAT 232)	3
Civics	3
Social Science Elective	3
Scaffolding Interdisciplinary Electives***	9
Health and Physical Education (HPE 171, 172, 101, 102)	4

General Education Total	58
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**Major**

CHRM 302	Christian Leadership	3
COM 300	Organizational Communication	3
COM 410	Conference Leadership/Event Planning	3
COM 412	Training and Development	3
COM 446	Business and Professional Speech	3
GOV 341	Public Administration	3
GOV 369	Protocol and Diplomacy	3
GOV 461	Public Policy Analysis	3
IS 462	Needs Assessment and Program Evaluation	3
LDR 399	Leadership Studies Practicum	3
LDR 499	Senior Paper in Leadership Studies	3
WRT 430	Grant Writing	3
Major Total		36
Minor/Electives		18
Electives		8
Degree Total		120

**Liberal Studies Degree****Bachelor of Science**

This major is offered online through the ORU College of Arts and Cultural Studies.

General Education	Credit Hours
Intro. to Whole Person Edu. (GEN 114)	3
English (COMP 102, 303)	6
Foreign Language	3
Oral Communication (COM 101)	3
Humanities	6
Biblical Literature	4
Theology (THE 104 and 105)	4
Laboratory Science	4
Science Elective	3
Mathematics (MAT 232)	3
Civics	3
Social Science Elective	3
Scaffolding Interdisciplinary Electives	9
Health and Physical Education (HPE 171, 172, 101, 102)	4

General Education Total	58
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**Major<sup>2</sup>**

Upper Division Courses (Major Electives 300-400 level courses)	27
499 Senior Paper/Project	3
Major Total	30
Minor/Electives	18
Electives	14
Degree Total	120

**Management Degree****Bachelor of Science**

<sup>1</sup> Students are required to declare a minor in Evangelism and Missions.

<sup>2</sup> Student must have at least 45 hours of completed coursework to enter the major.

This major is offered online through the ORU College of Business.

<b>General Education</b>	Credit Hours
Intro. to Whole Person Edu. (GEN 114)	3
English (COMP 102)	3
Foreign Language	3
Oral Communication (COM 101)	3
Humanities	6
Biblical Literature	4
Theology (THE 104 and 105)	4
Laboratory Science	4
Science Elective	3
Mathematics (MAT 232)	3
Civics	3
Social Science Elective (BUS 201)	3
Health and Physical Education (HPE 171, 172, 101, 102)	4
<b>General Education Total</b>	<b>46</b>

### **Major**

ACT 216	Managerial Accounting	3
BUS 499	Senior Paper	3
FIN 338	Financial Management	3
MGT 130	Principles of Management	3
MGT 341	Business Communication	3
MGT 352	Organizational Behavior	3
MGT 353	Human Resource Management	3
MGT 431	Strategic Management	3
Choice of two of the following courses:		6
ENT 300	Entrepreneurship	
MGT 451	Management Internship	
MGT 461	Conflict Resolution	
MGT 465	Administration of Non-Profit Organizations	

**Major Total** 30

### **Cognate**

ACT 215	Financial Accounting	3
ACT 320	Quantitative Analysis	3
BUS 100	Introduction to Business	2
BUS 202	Principles of Economics II	3
BUS 325	Business Law I	3
BUS 326	Business Law II	3
BUS 400	Senior Seminar	1
FIN 244	Personal Financial Planning	3
MAT 105	College Algebra	3
MKT 130	Principles of Marketing	3

**Cognate Total** 27  
**Electives** 17

**Degree Total** 120

## **Marketing Degree**

### **Bachelor of Science**

This major is offered online through the ORU College of Business.

<b>General Education</b>	Credit Hours
Intro. to Whole Person Edu. (GEN 114)	3
English (COMP 102)	3
Foreign Language	3
Oral Communication (COM 101)	3
Humanities	6

Biblical Literature	4
Theology (THE 104 and 105)	4
Laboratory Science	4
Science Elective	3
Mathematics (MAT 232)	3
Civics	3
Social Science Elective (BUS 201)	3
Health and Physical Education (HPE 171, 172, 101, 102)	4
<b>General Education Total</b>	<b>46</b>

### **Major**

BUS 499	Senior Paper	3
MGT 341	Business Communication	3
MKT 130	Principles of Marketing	3
MKT 333	Consumer Behavior	3
MKT 334	Integrated Marketing Communications	3
MKT 346	Sales Marketing	3
MKT 361	International Marketing	3
MKT 445	Marketing Research	3
MKT 455	Marketing Management	3
Choice of one of the following:		3
MKT 350	Digital Marketing	
MKT 447	Retail Management	
MKT 451	Marketing Internship	

**Major Total** 30

### **Cognate**

ACT 215	Financial Accounting	3
ACT 216	Managerial Accounting	3
ACT 320	Quantitative Analysis	3
BUS 100	Introduction to Business	2
BUS 202	Principles of Economics II	3
BUS 325	Business Law I	3
BUS 326	Business Law II	3
BUS 400	Senior Seminar	1
FIN 244	Personal Financial Planning	3
FIN 338	Financial Management	3
MAT 105	College Algebra	3
MGT 130	Principles of Management	3
MGT 431	Strategic Management	3

**Cognate Total** 36  
**Electives** 8

**Degree Total** 120

## **Ministry and Leadership-Church**

### **Administration Degree**

#### **Bachelor of Arts**

This major is offered online through the ORU College of Theology and Ministry.

<b>General Education</b>	Credit Hours
Intro. to Whole Person Edu. (GEN 114)	3
English (COMP 102, 303)	6
Foreign Language	6
Oral Communication (COM 101)	3
Humanities	6
Biblical Literature (BIB 222 and 261)	6
Theology (THE 104 and 105)	4
Laboratory Science	4
Mathematics (MAT 232)	3

Civics	3
Social Science Elective	3
Scaffolding Interdisciplinary Electives	9
Health and Physical Education (HPE 171, 172, 101, 102)	4

**General Education Total** 60

### **Major**

THE 499	Senior Research Paper	3
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### **Concentration**

CHRM 302	Christian Leadership	3
CHRM 398	Ministry Practicum	3
CHRM 460	Church Administration	3
MGT 130	Principles of Management	3
MGT 352	Organizational Behavior	3
MGT 465	Administration of Non-Profit Organizations	3
PHIL 401	Ethics	3
Teaching the Bible Elective:		3
CHRM 305	Teaching the Bible	
CHRM 340	Sermon Preparation and Preaching	
Church Ministries Elective:		3
CHRM 307	Urban Outreach Ministries	
CHRM 351	Team Ministry	

**Major Total** 30

### **Cognate**

BIB 306	Hermeneutics	3
BIB	OT Elective (300/400 level course)	3
BIB	NT Elective (300/400 level course)	3
THE 217	Sem. in Theological Research	3
THE 299	Introduction to Theology	3
Choice of one of the following:		3
THE 303	Major Religions of the World	
THE 415	Christian Apologetics	

**Cognate Total** 18  
**Minor and/or Electives** 16

**Degree Total** 124

## **Ministry and Leadership-Evangelism and Outreach Degree**

### **Bachelor of Arts**

This major is offered online through the ORU College of Theology and Ministry.

<b>General Education</b>	Credit Hours
Intro. to Whole Person Edu. (GEN 114)	3
English (COMP 102, 303)	6
Foreign Language	6
Oral Communication (COM 101)	3
Humanities	6
Biblical Literature (BIB 222 and 261)	6
Theology (THE 104 and 105)	4
Laboratory Science	4
Mathematics (MAT 232)	3
Civics	3
Social Science Elective	3
Scaffolding Interdisciplinary Electives	9

Health and Physical Education (HPE 171, 172, 101, 102)	4	Social Science Elective	3	Scaffolding Interdisciplinary Electives	9
General Education Total	60	Health and Physical Education (HPE 171, 172, 101, 102)	4	General Education Total	58
<b>Major</b>		General Education Total	60	<b>Major</b>	
THE 499 Senior Research Paper	3	<b>Major</b>		GOV 103 Introduction to Comparative Politics	3
<b>Concentration</b>		THE 499 Senior Research Paper	3	GOV 201 Introduction to Political Science	3
CHRM 302 Christian Leadership	3	<b>Concentration</b>		GOV 331 Western Political Theory	3
CHRM 307 Urban Outreach Ministries	3	CCC 321 Pastoral Approaches to Counseling	3	GOV 335 Christian Faith and Government: Theory	3
CHRM 335 Introduction to Evangelism	3	CHRM 302 Christian Leadership	3	GOV 449 Political Science Research	3
CHRM 398 Ministry Practicum	3	CHRM 340 Sermon Preparation and Preaching	3	GOV 499 Senior Paper	3
CHRM 402 Discipleship and Small Groups	3	CHRM 351 Team Ministry	3	HHG 399 Department Internship/Practicum	3
CHRM 430 Local Church Outreach	3	CHRM 398 Ministry Practicum	3	Choice of one of the following courses:	3
CHRM 460 Church Administration	3	CHRM 460 Church Administration	3	GOV 321 Legislative Process	
Teaching the Bible Elective:	3	MISS 404 Church Growth and Planting	3	GOV 323 American Political Leadership	
CHRM 305 Teaching the Bible		THE 461 Hist. of Christianity I: Early Church	3	GOV 450 American Jurisprudence	
CHRM 340 Sermon Preparation and Preaching		Choice of one of the following:	3	Choice of one of the following courses:	3
Church Ministries Elective:	3	CHRM 307 Urban Outreach Ministries		GOV 341 Public Administration	
CHRM 310 Youth Culture and Faith Development		MISS 325 Introduction to Christian Missions		GOV 381 American Foreign Policy	
CHRM 351 Team Ministry		Major Total	30	GOV 461 Public Policy Analysis	
MISS 350 Missions and Culture		<b>Cognate</b>		Choice of one of the following courses:	3
MISS 404 Church Growth and Planting		BIB 306 Hermeneutics	3	GOV 311 International Relations	
Major Total	30	BIB OT Elective (300/400 level course)	3	GOV 369 Protocol and Diplomacy	
<b>Cognate</b>		BIB NT Elective (300/400 level course)	3	Major Total	30
BIB 306 Hermeneutics	3	THE 217 Sem. in Theological Research	3	Minor and/or Electives	18
BIB OT Elective (300/400 level course)	3	THE 299 Introduction to Theology	3	Electives	14
BIB NT Elective (300/400 level course)	3	Choice of one of the following:	3	Degree Total	120
THE 217 Sem. in Theological Research	3	THE 303 Major Religions of the World		<b>Psychology Degree</b>	
THE 299 Introduction to Theology	3	THE 415 Christian Apologetics		<b>Bachelor of Arts</b>	
Choice of one of the following:	3	Cognate Total	18	This major is offered online through the ORU College of Science and Engineering.	
THE 303 Major Religions of the World		Minor and/or Electives	16	<b>General Education</b>	Credit Hours
THE 415 Christian Apologetics		Degree Total	124	Intro. to Whole Person Edu. (GEN 114)	3
Cognate Total	18	<b>Political Science</b>		English (COMP 102, 303)	6
Minor and/or Electives	16	<b>Bachelor of Arts</b>		Foreign Language	6
Degree Total	124	This major is offered online through the ORU College of Arts and Cultural Studies.		Oral Communication (COM 101)	3
<b>Ministry and Leadership-Local Church Pastor Degree</b>		<b>General Education</b>	Credit Hours	Humanities	6
<b>Bachelor of Arts</b>		Intro. to Whole Person Edu. (GEN 114)	3	Biblical Literature	4
This major is offered online through the ORU College of Theology and Ministry.		English (COMP 102, 303)	6	Theology (THE 104 and 105)	4
<b>General Education</b>	Credit Hours	Foreign Language	6	Laboratory Science	4
Intro. to Whole Person Edu. (GEN 114)	3	Oral Communication (COM 101)	3	Mathematics (MAT 232)	3
English (COMP 102, 303)	6	Humanities	6	Civics	3
Foreign Language	6	Biblical Literature	4	Social Science Elective <sup>1</sup>	3
Oral Communication (COM 101)	3	Theology (THE 104 and 105)	4	Scaffolding Interdisciplinary Electives	9
Humanities	6	Laboratory Science	4	Health and Physical Education (HPE 171, 172, 101, 102)	4
Biblical Literature (BIB 222 and 261)	6	Mathematics (MAT 232)	3	General Education Total	58
Theology (THE 104 and 105)	4	Civics (GOV 101)	3	<b>Major</b>	
Laboratory Science	4	Social Science Elective	3	PSY 201 Principles of Psychology	3
Mathematics (MAT 232)	3			PSY 301 Developmental Psychology	3
Civics	3				

<sup>1</sup> Choice of one of the following: FIN 244, SOC 101, SOC 201, BUS 201

PSY 305	Physiological Psychology	3
PSY 321	Psychology of Personality Dev.	3
PSY 322	Psychology of Learning & Motivation	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 Lecture and Lab	3
PSY 498	Senior Paper Foundations	1
PSY 499	Senior Paper	2

Major Total	30
Minor	18
Electives	14
Degree Total	120

### **Psychology Degree**

#### **Bachelor of Science**

This major is offered online through the ORU College of Science and Engineering.

<b>General Education</b>	Credit Hours
Intro. to Whole Person Edu. (GEN 114)	3
English (COMP 102, 303)	6
Foreign Language	3
Oral Communication (COM 101)	3
Humanities	6
Biblical Literature	4
Theology (THE 104 and 105)	4
Laboratory Science (lec & lab)	8
Mathematics (MAT 232)	3
Civics	3
Social Science Elective <sup>2</sup>	3
Scaffolding Interdisciplinary Electives	9
Health and Physical Education (HPE 171, 172, 101, 102)	4

General Education Total	59
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#### **Major**

PSY 201	Principles of Psychology	3
PSY 301	Developmental Psychology	3
PSY 305	Physiological Psychology	3
PSY 321	Psychology of Personality Dev.	3
PSY 322	Psychology of Learning & Motivation	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 Lecture and Lab	3
PSY 498	Senior Paper Foundations	1
PSY 499	Senior Paper	2

<sup>1</sup> Alternative leveling options are listed in the College of Business portion of the catalog. Please contact the College of Business for more information.

Major Total	30
Minor	18
Electives	13

Degree Total	120
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### **Leadership Degree**

#### **Master of Arts in Leadership**

##### **ORU Distinctive Courses**

GLDR 502	Graduate Orientation	0
GLDR 503	Empowered Leadership	2
GHPE 503	Graduate Health Fitness	1

ORU Distinctive Courses Total	3
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##### **Major**

GLDR 513	Leadership Theory and Skills	3
GLDR 523	Organizational Culture and Change	3
GLDR 533	Leading Innovation and Technology	3
GLDR 543	Ethical Leadership and Governance	3
GLDR 553	Thought and Sector Leadership	3
GLDR 593	Capstone Project	2
GLDR 595	Capstone Presentation	1

Major Total	18
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##### **Specialized Electives**

Choice of three of the following:	3
GLDR 603 Human Capital and Talent Development	
GLDR 613 Leading Global Teams	
GLDR 623 Strategic Foresight and Planning	
GLDR 683 Special Topics	

Electives Total	9
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Degree Total	30
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### **Business Administration in**

#### **Leadership Degree**

##### **Master of Business Administration in Leadership**

This graduate program is offered online through the ORU Graduate School of Business. Courses are taken in a cohort lock-step arrangement. Leveling/Prerequisite Courses<sup>1</sup>

Master's students are required to have completed undergraduate leveling courses (prerequisites) in order to be prepared for graduate study. Credit hours from leveling courses do not apply toward the graduate degree.

ACT 215	Financial Accounting	3
ACT 216	Managerial Accounting	3
BUS 325	Business Law I	3

<sup>2</sup> Course requires either an undergraduate prerequisite earned with a grade of "C" or higher or co-requisite enrollment with a 1-credit-hour GBLV leveling course.

FIN 338	Financial Management	3
MAT 232	Elementary Statistics	3
MGT 130	Principles of Management	3
MKT 130	Principles of Marketing	3
Choice of one of the following:		3
BUS 201	Principles of Economics I	
BUS 202	Principles of Economics II (preferred)	

Leveling/Prerequisite Total	24
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##### **ORU Distinctive Courses**

GTHE 510	Holy Spirit Empowerment in Life and Ministry	2
GHPE 503	Graduate Health Fitness*	1
Choice of one of the following:		.5
GHPE 515	Graduate Aerobics	
GHPE 525	Graduate Walk for Fitness	
HPE	Elective	
LMBA 502	Graduate Orientation (zero credit)	

ORU Distinctive Total	3.5
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##### **Major**

GBUS 572	Ethical Leadership <sup>2</sup>	3
GBUS 574	Competitive Business Intelligence	2
GMGT 563	Leadership of Organizational Dynamics <sup>2</sup>	3
GMGT 600	Leadership Studies	3
LMBA 551	Global Management Concept <sup>3</sup>	3
LMBA 552	Accounting & Financial Leadership <sup>3</sup>	6
LMBA 553	Marketing Leadership <sup>3</sup>	3
LMBA 554	Global Economic Leadership <sup>3</sup>	3
LMBA 565	Strategic Organizational Leadership	3
LMBA 585	Leadership Decision Making <sup>3</sup>	3

Major Total	32
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Degree Total	35.5
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### **Christian Ministry Degree**

#### **Master of Christian Ministry**

This graduate program is offered online through the ORU College of Theology and Ministry. The Master of Christian Ministry falls under ORU's institutional accreditation with the Higher Learning Commission. In contrast to this general master's degree online, ORU's Graduate School of Theology and Ministry offers six specialized accredited degrees recognized by the Association of Theological Schools in the United States and Canada.

##### **ORU Distinctive Courses**

GMCM 502	Graduate Orientation	0
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<sup>3</sup> Course requires either an undergraduate prerequisite earned with a grade of "C" or higher or co-requisite enrollment with a 1-credit-hour GBLV leveling course.

GDNP 602	Spirit-Empowered Life and Leadership	2
GHPE 503	Graduate Health Fitness	1
ORU Distinctive Total		3.0

**Core**

GMCM 507	Biblical Hermeneutics	3
GMCM 518	Introduction to Theology	3
GMCM 549	Teaching Ministries	3
GMCM 551	Old Testament Synthesis	3
GMCM 571	New Testament Synthesis	3
GMCM 593	Capstone Project	2
GMCM 595	Capstone Presentation	1

Major Total	18
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**Electives**

Choice of three of the following:	9
GMCM 558Spiritual Formation and Discipleship	
GMCM 673Introduction to Pastoral Care	
GMCM 734Leadership for Team Ministries	
GMCM 749Directed Study	

Electives Total	9
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Degree Total	30
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**Nursing Degree****Master of Science in Nursing****ORU Distinctive Courses**

GNUR 501	Graduate Orientation	0
GMCM 510	Spirit-Empowered Ministry <sup>2</sup>	
GHPE 503	Graduate Health Fitness	1
GHPE	Activity Course	.5
ORU Distinctive Total		3.5

**Nursing Core**

GNUR 502	Scholarship and Research	3
GNUR 511	Immersive Technology and Informatics	3
GNUR 512	Contextual Influences on Education	3
GNUR 513	Leadership and Systems Management	3
GNUR 516	Advanced Pathophysiology	3
GNUR 517	Advanced Health Assessment	3
GNUR 518	Advanced Pharmacology	3

Nursing Core Total	21
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**Nursing Education Track**

GNUR 575	Curriculum Design and Implementation	3
GNUR 580	Curriculum Evaluation	3
GNUR 598	Teaching and Learning Capstone	2
GNUR 599	Teaching and Learning Capstone II	2

Nursing Education Total	10
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Degree Total	34.5
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**Sport and Leisure Administration**  
**Master of Science****ORU Distinctive Courses**

GSLA 502	Graduate Orientation	0
GHPE 503	Graduate Health Fitness	1
GMCM 510	Spirit-Empowered Ministry	2

ORU Distinctive Total	3
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**Core**

GSLA 520	Sport and Leisure Administration	3
GSLA 525	Sports Marketing and Public Relations	3
GSLA 535	Facility Operations	3
GSLA 540	Sports Analytics	3
GSLA 550	Sport and Leisure Law	3
GSLA 593	Capstone Project	2
GSLA 595	Capstone Presentation	1

Major Total	18
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**Specialized Electives<sup>1</sup>**

GSLA 610	Leading Sport Teams and Organizations	3
GSLA 620	Special Topics	1-3
GSLA 630	Directed Study	1-3
GSLA 640	Internship	1-3

Electives Total	9
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Degree Total	30
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**Nursing Practice Degree**  
**Doctor of Nursing Practice****ORU Distinctive**

GDNP 601	Graduate Orientation	0
GDNP 602	Spirit-Empowered Life and Leadership	2
GHPE 703	Graduate Health Fitness	1
Choose one of the following:		0.5
GHPE 715	Graduate Aerobics	
GHPE 725	Graduate Walk for Fitness	

ORU Distinctive Total	3.5
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**Major**

GDNP 712	Foundations of Leadership in Health Care	2
GDNP 715	Evidence-based Practice: The Nature and Application of Evidence	3
GDNP 718	Informatics for Scholarly Nursing Practice	3
GDNP 724	Clinical Data Management & Analysis	3

GDNP 725	Integrative Application of Evidence-Based Practice I	3
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GDNP 726	Evaluation Methods for Safety & Quality Improvement	3
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GDNP 730	Epidemiology & Population Health	3
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GDNP 742	Interdisciplinary Leadership and Role Development for EBP	2
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GDNP 746	Translational Research Methods: Design & Analysis for Evidence-Based Practice	3
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GDNP 750	Health Policy, Economics, & Finance	3
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GDNP 811	Integrative Application of Evidence-Based Practice II	3
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GDNP 813	Integrative Application of Evidence-Based Practice III	3
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Major Total	34
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**Family Nurse Practitioner Concentration**

GDNP 616	Advanced Pathophysiology	3
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GDNP 617	Advanced Health Assessment	3
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GDNP 618	Advanced Pharmacology	3
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GDNP 620	Primary Care for Families I: Women's Health	3
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GDNP 621	Primary Care for Families Practicum I: Women's Health	1
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GDNP 622	Primary Care for Families II: Pediatrics	3
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GDNP 623	Primary Care for Families Practicum II: Pediatrics	2
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GDNP 632	Primary Care for Families III: Adults and Older Adults	3
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GDNP 633	Primary Care for Families Practicum III: Adults and Older Adults	3
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GDNP 636	Primary Care for Families IV: Adults and Older Adults	3
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GDNP 637	Primary Care for Families Practicum IV: Adults & Older Adults	3
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GDNP 655	Transitioning to Advanced Practice Nursing Role	2
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GDNP 657	Advanced Skills Practicum	0.5
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Concentration Total	32.5
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Degree Total	70
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**Christian Apologetics Minor**

This minor is for students majoring in subjects other than Christian Apologetics.

The minor is offered online through the ORU College of Theology and Ministry.

PHIL 302	Introduction to Philosophy	3
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THE 299	Introduction to Theology	3
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THE 415	Christian Apologetics	3
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Choice of three of the following:	9
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PHIL 470	Philosophy of Religion	
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<sup>1</sup> Approved electives from any ORU graduate program can be used as an elective

PHIL 473	Theology and Philosophy in Modern Culture	
THE 303	Major Religions of the World	
THE 444	Contemporary Theology	
Minor Total		18

### **Christian Caregiving Minor**

This minor is for students majoring in subjects other than Christian caregiving and counseling. The minor is offered online through the ORU College of Theology and Ministry.

PSY 201	Principles of Psychology	3
CCC 301	Introduction to Christian Caregiving	3
CCC 324	Found. of Personality Dev.	3
CCC 332	Lifespan Development	3
CCC 339	Developing Helping Skills	3
Choice of one of the following:		3
CCC 303	Issues and Identity of the Caregiver	
CCC 321	Pastoral Approaches to Counseling	
CCC 405	Crisis Intervention	
CCC 426	Assessment and Evaluation	
CCC 429	Substance Abuse	
PSY 338	Psychology of Abnormal Behavior	
Minor Total		18

### **Church Administration Minor**

This minor is for students majoring in subjects other than ministry and leadership. The minor is offered online through the ORU College of Theology and Ministry.

CHRM 302	Christian Leadership	3
CHRM 460	Church Administration	3
MGT 130	Principles of Management	3
MGT 465	Administration of Nonprofit Organizations	3
Choice of two of the following:		6
CHRM 307	Urban and Outreach Ministries	
COM 300	Organizational Communication	
MGT 352	Organizational Behavior	
MISS 404	Church Growth and Planting	
Minor Total		18

### **Church History Minor**

This minor is for students majoring in subjects other than ministry and leadership. The minor is offered online through the ORU College of Theology and Ministry.

PHIL 299	Introduction to Philosophy	3
THE 303	Major Religions of the World	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	Hist. of Christianity III: Reformation to Present	3
Minor Total		18

### **Church Ministries Minor**

This minor is for students majoring in subjects other than ministry and leadership.

The minor is offered online through the ORU College of Theology and Ministry.		
CCC 339	Developing Helping Skills	3
CHRM 351	Team Ministry	3
CHRM 460	Church Administration	3
MISS 404	Church Growth and Planting	3
Choice of one of the following:		3
CHRM 305	Teaching the Bible	
CHRM 340	Sermon Preparation and Preaching	
Choice of one of the following:		3
CHRM 335	Introduction to Evangelism	
MISS 325	Introduction to Christian Missions	
Minor Total		18

### **Communication Minor**

This minor is for students majoring in subjects other than communication. The minor is offered online through the College of Arts and Cultural Studies.

COM 203	Interpersonal Communication	3
COM 300	Organizational Communication	3
COM 302	Advanced Public Speaking	3
COM 309	Argumentation and Persuasion	3
COM 342	Communication Theory	3
COM	Elective <sup>1</sup>	3
Minor Total		18

### **Digital Communication Minor**

This minor is for students majoring in subjects other than digital communication.

The minor is offered online through the College of Arts and Cultural Studies.		
DCM 100	Digital Society	3
DCM 101	Digital Composition	3
DCN 107	Digital Newswriting	3
Choose one of the following:		3
DCM 200	Web Design	
DCM 140	Digital Storytelling	
Choose two of the following:		6
DCM 205	Cross-platform Writing	
DCM 327	Social Media Management	
DCM 320	Communication Research	
DCM 321	Media Law and Ethics	
DCM 421	Media Markets	
Minor Total		18

### **English Bible Minor**

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

The minor is offered online through the ORU College of Theology and Ministry.		
BIB 306	Hermeneutics	3
BIB	Electives	15
Minor Total		18

### **Evangelism and Outreach Minor**

This minor is for students majoring in subjects other than ministry and leadership.

The minor is offered online through the ORU College of Theology and Ministry.		
CHRM 335	Introduction to Evangelism	3
CHRM 430	Local Church Outreach	3
Choice of one of the following courses:		3
CHRM 305	Teaching the Bible	
CHRM 340	Sermon Preparation/Preaching	
Choice of three of the following courses:		9
BIB 306	Hermeneutics	
CHRM 307	Urban Outreach Ministries	
CHRM 402	Discipleship and Small Groups	
MISS 404	Church Growth and Planting	
THE 415	Christian Apologetics	
Minor Total		18

### **General Business Minor**

This minor provides a foundational base of business knowledge for the student who is majoring in a subject that is outside of the College of Business. The minor is offered online through the ORU College of Business.

ACT 215	Financial Accounting	3
BUS 201	Principles of Economics I	3
MKT 130	Principles of Marketing	3
MGT 130	Principles of Management	3
Choice of six hours:		6
Choose from Accounting, Business, Finance, Management, and/or Marketing courses.		

Minor Total		18
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### **Healthcare Administration Minor**

This minor is for students majoring in subjects other than healthcare administration or nursing. The minor is offered online through the Anna Vaughn School of Nursing.

HCA 220	Design in Healthcare Delivery	3
HCA 320	Quality Process Improvement	3
HCA 340	Population Health Management	3
HCA 420	Healthcare/Patient Safety Management	3
NUR 335	Health Informatics	3
NUR 365	Evidence-Based Practice I	3

Minor Total		18
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<sup>1</sup> With approval of the department.

**Information Technology Minor**

This minor is for students majoring in subjects other than information technology. The minor is offered online through the ORU College of Science and Engineering.

IT 101	Information Tech. Fundamentals	3
IT 111	Programming	3
IT 211	Networking	3
IT 231	Web Systems/Technologies	3
IT 301	Information Management	3
IT 411	Information Assurance and Security	3
Minor Total		18

**Liberal Studies Minor**

This minor is for students majoring in any subject that requires a minor. The minor is offered online through the ORU College of Arts and Cultural Studies. 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 Director of Online and Lifelong Learning, Chair of the History, Humanities and Government Department, and the Registrar's Office.

Minor Total	18
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**Nonprofit Business Minor**

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. The minor is offered online through the ORU College of Business.

ACT 215	Financial Accounting	3
MGT 130	Principles of Management	3
MGT 465	Administration of Nonprofit Organizations	3
MKT 130	Principles of Marketing	3
Choice of two from the following courses:		6
ACT 216	Managerial Accounting	
FIN 244	Personal Financial Planning	
FIN 338	Financial Management	
FIN 472	Principles of Estate Planning	
Minor Total		18

**Political Science Minor**

GOV 101	American Government and Politics	3
GOV 103	Introduction to Comparative Politics	3
GOV 201	Introduction to Political Science	3
GOV	Electives	9
Minor Total		18

**Psychology Minor**

This minor is for students majoring in subjects other than psychology. The minor is offered online through the ORU College of Science and Engineering.

PSY 201	Principles of Psychology	3
Choice of five courses from the following:		15
PSY 301	Developmental Psychology	
PSY 305	Physiological Psychology	
PSY 321	Psychology of Personality Development	
PSY 322	Psychology of Learning	
PSY 338	Psychology of Abnormal Behavior	
PSY 340	Research Design and Analysis	
PSY 354	History and Systems of Psychology	
PSY 401	Experimental Psychology Lecture and Lab	
Minor Total		18

**Theological Studies Minor**

This minor is for students majoring in subjects other than ministry and leadership. The minor is offered online through the ORU College of Theology and Ministry.

Choice of one of the following courses		3
THE 313	Systematic Theology I	
THE 320	Systematic Theology Plus	
THE 402	Divine Healing	3
THE 444	Contemporary Theology	3
THE 445	Charismatic Theology	3
THE 464	Prayer	3
THE/PHIL	Elective	3
Minor Total		18

**Certificate in Spirit-Empowered Living<sup>1</sup>**

Emphasizes the core beliefs and practices of the Christian life that emerged from the life and ministry of Oral Roberts, including the nature of God, Devotional Life, Healing Ministry and Prayer that flows

from the work of the Holy Spirit to renew the spirit, mind and body of the believer.

Candidates desiring to complete an undergraduate degree after the completion of the certificate may make application for admission into the University.

Students pursuing a certificate program are not eligible for financial aid.	
THE 106	Spirit Empowered Living 4
<hr/>	
	Certificate Total 4

**Certificate in Spirit-Empowered Ministry<sup>2</sup>**

A study of the Spirit-empowered ministry in biblical, historical and contemporary contexts, with a focus on how church leadership builds ministry teams, align functions, makes team decisions and plans ministry.

Candidates desiring to complete an undergraduate degree after the completion of the certificate may make application for admission into the University.

Students pursuing a certificate program are not eligible for financial aid.	
CHRM 107 Spirit Empowered Ministry	3
Certificate Total	<hr/> 3

**Certificate in Spirit-Empowered Leadership<sup>3</sup>**

A survey of Spirit-empowered leadership for emerging leaders, covering biblical, historical and contemporary exemplars, with a focus on key practices to empower others to achieve extraordinary things.

Candidates desiring to complete an undergraduate degree after the completion of the certificate may make application for admission into the University.

Students pursuing a certificate program are not eligible for financial aid.	
CHRM 108 Spirit Empowered Leadership	3
Certificate Total	<hr/> 3

**Certificate in English Language Learner<sup>4</sup>**

Applicants must have a high school diploma or equivalent. International students must meet the minimum TOEFL score as stated in the admissions portion of the catalog.

Candidates desiring to complete an undergraduate degree after the completion

<sup>1</sup> The Certificate of Spirit-Empowered Living is a year-long course broken into six units of content.

<sup>2</sup> The Certificate of Spirit-Empowered Ministry is a year-long course broken into six units of content.

<sup>3</sup> The Certificate of Spirit-Empowered Leadership is a year-long course broken into six units of content.

<sup>4</sup> A grade of C or higher is required in all classes.

of the certificate may make application for admission into the University.

Students pursuing a certificate program are not eligible for financial aid.

ELL 304	Structure of Modern English	3
ELL 315	Descriptive Linguistics	3
ELL 343	EL Methods and Materials	3
ELL 353	EL Curriculum Design	3
ELL 393	EL Assessment	3
ELL 413	Cross-Cultural Communication	3

This certificate may also be taken on the master's level for students who meet admissions requirements to graduate level studies, the courses for the master's level certificate are:

GESL 501	TESL Methods & Materials	3
GESL 504	TESL Assessment	3
GESL 505	Cross-cultural Communication	3
GESL 513	Structure of Modern English	3
GESL 515	Descriptive Linguistics	3
GESL 516	TESL Curriculum Design	3
Certificate Total		18

#### **Certificate in Special Education<sup>4</sup>**

Applicants must have a B.A. or B.S. with a cumulative G.P.A. of at least 2.70.

International students must meet the minimum TOEFL score as stated in the admissions portion of the catalog.

Candidates desiring to complete a M.Ed. after the completion of the certificate may make application for admission into the Graduate School of Education.

GELE 544	Elementary Reading Methods	3
GSED 501	Intro to Special Education and Dyslexia Strategies and Techniques	3
GSED 505	Adapting Early Childhood Curricula for Children with Special Needs	3
GSED 506	Effective Practices for Core Content	3
GSED 507	Assessment and Behavioral Intervention	3
GSED 508	Special Education Law and Ethics	3
Certificate Total		18

### **Online and Lifelong Learning Courses**

Courses offered through Online & Lifelong Learning are also listed under the respective academic department offerings.

#### **Courses**

##### **Accounting**

ACT 215	Financial Accounting
ACT 216	Managerial Accounting
ACT 320	Quantitative Analysis
ACT 327	Intermediate Accounting I

ACT 442	Federal Income Tax Accounting
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##### **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 332	Old Testament Historical Books
BIB 346	Luke-Acts
BIB 351	Greek Exegesis I
BIB 362	Jesus and the Gospels
BIB 364	The Pauline Epistles
BIB 372	Revelation and the Writings of John
BIB 373	Johannine Literature
BIB 376	Hebrews and General Epistles
BIB 421	Pentateuch
BIB 424	Hebrew Prophets
BIB 437	Psalms and Wisdom Literature
BIB 438	Intertestamental Literature
BIB 455	Intensive Studies
BIB 499	Senior Paper

##### **Biology**

BIO 101	Principles of Biology Lecture
BIO 101L	Principles of Biology Laboratory
BIO 456	Biomedical Ethics

##### **Biblical Literature**

BLIT 111	Christian Life through Biblical Engagement I: Old Testament
BLIT 122	Christian Life through Biblical Engagement II: New Testament

##### **Business**

BUS 099	Business Seminar
BUS 100	Introduction to Business
BUS 201	Principles of Economics I
BUS 202	Principles of Economics II
BUS 325	Business Law I
BUS 326	Business Law II
BUS 361	International Business
BUS 372	Business Ethics
BUS 400	Senior Seminar
BUS 451	Business Administration Internship
BUS 499	Senior Paper

##### **Communication, Arts and Media**

CAM 451	Communication Internship
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##### **Christian Counseling**

CCC 301	Introduction to Christian Caregiving
CCC 303	Issues and Identity of the Caregiver
CCC 321	Pastoral 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
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CCC 426	Assessment and Evaluation
CCC 429	Substance Abuse
CCC 430	Special Issues in Counseling
CCC 499	Senior Practicum/Project

##### **Chemistry**

CHE 101	Principles of Chemistry Lecture
CHE 101L	Principles of Chemistry Laboratory

##### **Church Ministries**

CHRM 102	Healing Ministry
CHRM 107	Spirit Empowered Ministry
CHRM 108	Spirit Empowered Leadership
CHRM 302	Christian Leadership
CHRM 304	Introduction to Christian Education
CHRM 305	Teaching the Bible
CHRM 307	Urban Outreach Ministries
CHRM 310	Youth Culture and Faith Development
CHRM 335	Introduction to Evangelism
CHRM 340	Sermon Preparation and Preaching
CHRM 351	Team Ministry
CHRM 398	Ministry Practicum
CHRM 402	Discipleship and Small Groups
CHRM 430	Local Church Outreach
CHRM 460	Church Administration
CHRM 499	Senior Paper/Project

##### **Communication**

COM 101	Oral Communication
COM 203	Interpersonal Communication
COM 300	Organizational Communication
COM 302	Advanced Public Speaking
COM 309	Argumentation and Persuasion
COM 342	Communication Theory
COM 410	Conference Leadership and Event Planning
COM 412	Training and Development
COM 425	Intercultural Communication
COM 446	Business and Professional Speech
COM 498	Senior Paper Preparation
COM 499	Research and Senior Paper/Project

##### **Composition**

COMP 099	Preparation for Composition I
COMP 101	Composition I
COMP 102	Composition II
COMP 303	Critical Reading and Writing

##### **Computer Science**

CSC 112	Microcomputer Applications in Business
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##### **Digital Communication**

DCM 100	Digital Society
DCM 101	Digital Composition
DCM 107	Digital Newswriting
DCM 130	Digital Photography
DCM 140	Digital Storytelling
DCM 200	Web Design

DCM 205 Cross-Platform Writing  
 DCM 320 Communication Research  
 DCM 321 Media Law and Ethics  
 DCM 327 Social Media Management  
 DCM 421 Media Markets  
 DCM 498 Capstone Preparation  
 DCM 499 Capstone Project

### **English Language Learner**

ELL 304 Structure of Modern English  
 ELL 315 Descriptive Linguistics  
 ELL 343 EL Methods and Materials  
 ELL 353 EL Curriculum Design  
 ELL 393 EL Assessment  
 ELL 413 Cross-Cultural Communication

### **Entrepreneurship**

ENT 300 Entrepreneurship

### **Environmental Science**

EVR 101 Introduction to Environmental Science Lecture  
 EVR 101L Introduction to Environmental Science Lab

### **Finance**

FIN 244 Personal Financial Planning  
 FIN 338 Financial Management  
 FIN 418 Investments  
 FIN 438 Advanced Financial Management  
 FIN 451 Finance Internship  
 FIN 460 International Financial Management  
 FIN 461 Capital Markets  
 FIN 472 Principles of Estate Planning

### **French**

FRE 101 Elementary French I  
 FRE 102 Elementary French II  
 FRE 203 Intermediate French I

### **Graduate Business Leveling**

GBLV 501 Foundations of Management  
 GBLV 502 Foundations of Business Law  
 GBLV 503 Foundations of Organizational Behavior  
 GBLV 504 Foundations of Statistics  
 GBLV 505 Foundations of Accounting  
 GBLV 506 Foundations of Finance Management  
 GBLV 507 Foundations of Marketing  
 GBLV 508 Foundations of Economics

### **Graduate Business**

GBUS 572 Ethical Leadership  
 GBUS 574 Competitive Business Intelligence

### **Doctor of Nursing Practice**

GDNP 601 Graduate Orientation  
 GDNP 602 Spirit-Empowered Life and Leadership  
 GDNP 616 Advanced Pathophysiology  
 GDNP 617 Advanced Health Assessment  
 GDNP 618 Advanced Pharmacology  
 GDNP 620 Primary Care for Families I: Women's Health

GDNP 621 Primary Care for Families Practicum I: Women's Health  
 GDNP 622 Primary Care for Families II: Pediatrics  
 GDNP 623 Primary Care for Families Practicum II: Pediatrics  
 GDNP 632 Primary Care for Families III: Adults and Older Adults  
 GDNP 633 Primary Care for Families Practicum III: Adults and Older Adults  
 GDNP 636 Primary Care for Families IV: Adults and Older Adults  
 GDNP 637 Primary Care for Families Practicum IV: Adults and Older Adults  
 GDNP 655 Transitioning to Advanced Practice Nursing Role  
 GDNP 657 Advanced Skills Practicum  
 GDNP 712 Foundations of Leadership in Health Care  
 GDNP 715 Evidence-based Practice: The Nature and Application of Evidence  
 GDNP 718 Informatics for Scholarly Nursing Practice  
 GDNP 724 Clinical Data Management and Analysis  
 GDNP 725 Integrative Application of Evidence-Based Practice I  
 GDNP 726 Evaluation Methods for Safety & Quality Improvement  
 GDNP 730 Epidemiology & Population Health  
 GDNP 742 Interdisciplinary Leadership and Role Development for EBP  
 GDNP 746 Translational Research Methods: Design and Analysis for Evidence-Based Practice  
 GDNP 750 Health Policy, Economics, & Finance  
 GDNP 811 Integrative Application of Evidence-Based Practice II  
 GDNP 813 Integrative Application of Evidence-Based Practice III

### **Graduate Elementary Education**

GELE 544 Elementary Reading Methods

### **General Studies**

GEN 114 Online Learning Strategies  
 GEN 356 Biomedical Ethics  
 GEN 380 Israel: The People and the Land  
 GEN 434 Game Theory and Politics

### **Graduate English as a Second Language**

GESL 501 TESL Methods & Materials  
 GESL 504 TESL Assessment  
 GESL 505 Cross-cultural Communication  
 GESL 513 Structure of Modern English  
 GESL 515 Descriptive Linguistics  
 GESL 516 TESL Curriculum Design

### **Graduate Higher Education**

GHED 601 Philosophy of Education  
 GHED 603 Research I: Systematic Inquiry

### **Graduate Health and Physical Education**

GHPE 503 Graduate Health Fitness  
 GHPE 515 Graduate Aerobics  
 GHPE 525 Graduate Walk for Fitness  
 GHPE 703 Graduate Health Fitness  
 GHPE 715 Graduate Aerobics  
 GHPE 725 Graduate Walk for Fitness

### **Graduate Master of Arts in Leadership**

GLDR 502 Graduate Orientation  
 GLDR 503 Empowered Leadership  
 GLDR 513 Leadership Theory and Skills  
 GLDR 523 Organizational Culture and Change  
 GLDR 533 Leading Innovation and Technology  
 GLDR 543 Ethical Leadership and Governance  
 GLDR 553 Thought and Sector Leadership  
 GLDR 593 Capstone Project  
 GLDR 595 Capstone Presentation  
 GLDR 603 Human Capital and Talent Development  
 GLDR 613 Leading Global Teams  
 GLDR 623 Strategic Foresight and Planning  
 GLDR 683 Special Topics

### **Graduate Master of Christian Ministry**

GMCM 502 Graduate Orientation  
 GMCM 507 Biblical Hermeneutics  
 GMCM 510 Spirit-Empowered Ministry  
 GMCM 518 Introduction to Theology  
 GMCM 549 Teaching Ministries  
 GMCM 551 Old Testament Synthesis  
 GMCM 558 Spiritual Formation and Discipleship  
 GMCM 571 New Testament Synthesis  
 GMCM 593 Capstone Project  
 GMCM 595 Capstone Presentation  
 GMCM 673 Introduction to Pastoral Care  
 GMCM 734 Leadership for Team Ministries  
 GMCM 749 Directed Study

### **Graduate Management**

MGMT 563 Leadership of Organizational Dynamics  
 MGMT 600 Leadership Studies

### **Graduate Nursing**

GNUR 501 Graduate Orientation  
 GNUR 502 Scholarship and Research  
 GNUR 506 Advanced Pathophysiology  
 GNUR 507 Advanced Health Assessment  
 GNUR 508 Advanced Pharmacology  
 GNUR 511 Immersive Technology and Informatics  
 GNUR 512 Contextual Influences on Education  
 GNUR 513 Leadership and Systems Management  
 GNUR 516 Advanced Pathophysiology  
 GNUR 517 Advanced Health Assessment  
 GNUR 518 Advanced Pharmacology  
 GNUR 575 Curriculum Design and Implementation  
 GNUR 580 Curriculum Evaluation

- GNUR 598 Teaching and Learning Capstone I  
GNUR 599 Teaching and Learning Capstone II

#### **Government**

- GOV 101 American Government and Politics  
GOV 103 Introduction to Comparative Politics  
GOV 201 Introduction to Political Science  
GOV 305 Comparative Government  
GOV 311 International Relations  
GOV 321 Legislative Process  
GOV 323 American Political Leadership  
GOV 331 Western Political Theory  
GOV 335 Christian Faith and Government: Theory  
GOV 341 Public Administration  
GOV 369 Protocol and Diplomacy  
GOV 381 American Foreign Policy  
GOV 449 Political Science Research Methods  
GOV 450 American Jurisprudence  
GOV 461 Public Policy Analysis  
GOV 499 Senior Paper

#### **Graduate Special Education**

- GSED 501 Intro to Special Education and Dyslexia Strategies and Techniques  
GSED 505 Adapting Early Childhood Curricula for Children with Special Needs  
GSED 506 Effective Practices for Core Content  
GSED 507 Assessment and Behavioral Intervention  
GSED 508 Special Education Law and Ethics  
GSED 623 Issues, Trends, and Curriculum Modification in Special Education  
GSED 999 Graduate Special Education Elective

#### **Graduate Sport and Leisure Administration**

- GSLA 502 Graduate Orientation  
GSLA 520 Sport and Leisure Administration  
GSLA 525 Sports Marketing and Public Relations  
GSLA 535 Leading Sport Teams and Organizations  
GSLA 540 Sports Analytics  
GSLA 550 Sport and Leisure Law  
GSLA 593 Capstone Project  
GSLA 595 Capstone Presentation  
GSLA 610 Facility Operations  
GSLA 620 Special Topics  
GSLA 630 Directed Study  
GSLA 640 Internship

#### **Graduate Theology**

- GTHE 510 Holy Spirit Empowerment in Life and Ministry

#### **Healthcare Administration**

- HCA 220 Design in Healthcare Delivery  
HCA 240 Healthcare to the Nations  
HCA 320 Quality Process Improvement  
HCA 340 Population Health Management  
HCA 420 Healthcare & Patient Safety Management  
HCA 430 Emergency & Disaster Management in Healthcare  
HCA 440 Leadership in Health Administration  
HCA 451 Healthcare Internship  
HCA 498 Research/Senior Paper I  
HCA 499 Research/Senior Paper II

#### **History, Humanities, and Government**

- HHG 399 Department Internship/Practicum

#### **History**

- HIS 110 American History Survey I  
HIS 111 American History Survey II  
HIS 200 World History

#### **Health and Physical Education**

- HPE 101 Fitness for Life I  
HPE 102 Fitness for Life II  
HPE 171 Discovering Health Fitness I  
HPE 172 Discovering Health Fitness II

#### **Humanities**

- HUM 103 Christian Worldview and Culture  
HUM 201 Wisdom of the Ancient World  
HUM 202 Classical Roman Civilization  
HUM 203 Learning from the Late Middle Ages  
HUM 204 Understanding Modern Western Civilization

#### **International Studies**

- IS 301 Global Perspectives of the Modern World  
IS 462 Needs Assessment and Program Evaluation

#### **Information Technology**

- IT 101 Information Technology Fundamentals  
IT 111 Programming  
IT 201 Human Computer Interaction  
IT 211 Networking  
IT 231 Web Systems/Technologies  
IT 251 Technical and Professional Communication  
IT 301 Information Management  
IT 361 System Administration and Maintenance  
IT 371 Integrative Programming  
IT 411 Information Assurance and Security  
IT 451 Project Management  
IT 499 IT Capstone

#### **Leadership Studies**

- LDR 399 Leadership Studies Practicum  
LDR 499 Senior Paper in Leadership Studies  
LDR 999 Leadership Studies Elective

#### **Master of Business Administration in Leadership**

- LMBA 551 Global Management Concepts  
LMBA 552 Accounting and Financial Leadership  
LMBA 553 Marketing Leadership  
LMBA 554 Global Economic Leadership  
LMBA 565 Strategic Organizational Leadership  
LMBA 585 Leadership Decision Making

#### **Mathematics**

- MAT 099 Introduction to College Mathematics  
MAT 105 College Algebra  
MAT 106 Trigonometry  
MAT 151 Mathematics and Society  
MAT 208 Elementary Discrete Mathematics  
MAT 231 Essentials for Statistics  
MAT 232 Elementary Statistics

#### **Master of Higher Education**

- MED 501 Effective Leadership  
MED 502 Culturally Responsive Education  
MED 512 Strategically Leading Organizations  
MED 582 Spiritual Perspectives in Education

#### **Management**

- MGT 130 Principles of Management  
MGT 341 Business Communication  
MGT 351 Risk Management  
MGT 352 Organizational Behavior  
MGT 353 Human Resource Management  
MGT 431 Strategic Management  
MGT 451 Management Internship  
MGT 460 Workforce Planning and Employment Law  
MGT 461 Conflict Resolution  
MGT 465 Administration of Nonprofit Organizations  
MGT 470 Compensation and Benefits

#### **Missions**

- MISS 325 Introduction to Christian Missions  
MISS 350 Missions and Culture  
MISS 397 Missions Internship  
MISS 404 Church Growth and Planting

#### **Marketing**

- MKT 130 Principles of Marketing  
MKT 333 Consumer Behavior  
MKT 334 Integrated Marketing Communications  
MKT 346 Selling and Sales Management  
MKT 350 Digital Marketing  
MKT 361 International Marketing  
MKT 445 Marketing Research

MKT 447 Retail Management  
 MKT 451 Marketing Internship  
 MKT 455 Marketing Management

***Nursing***

NUR 335 Health Informatics  
 NUR 365 Evidence-Based Practice I

***Philosophy***

PHIL 302 Introduction to Philosophy  
 PHIL 401 Ethics  
 PHIL 470 Philosophy of Religion  
 PHIL 473 Philosophy and Theology in  
 Modern Culture

***Physical Science***

PSC 101 Principles of Physical Science  
 Lecture  
 PSC 101L Principles of Physical Science  
 Laboratory

***Psychology***

PSY 201 Principles of Psychology  
 PSY 301 Developmental Psychology  
 PSY 305 Physiological Psychology  
 PSY 321 Psychology of Personality  
 Development  
 PSY 322 Psychology of Learning and  
 Motivation  
 PSY 338 Psychology of Abnormal  
 Behavior  
 PSY 340 Research Design and Analysis  
 PSY 354 History and Systems of  
 Psychology  
 PSY 401 Experimental Psychology  
 Lecture and Lab  
 PSY 498 Senior Paper Foundations  
 PSY 499 Senior Paper

***Reading***

READ 099 Preparation for College Reading

***Sociology***

SOC 101 Introduction to Sociology  
 SOC 201 Marriage and the Family

***Spanish***

SPA 101 Elementary Spanish I  
 SPA 102 Elementary Spanish II  
 SPA 203 Intermediate Spanish I

***Theology***

THE 104 Spirit-Empowered Living  
 THE 105 Spirit-Empowered Leadership  
 THE 106 Spirit-Empowered Living (Year-  
 Long Certificate)  
 THE 217 Seminar in Theological Research  
 THE 299 Introduction to Theology  
 THE 303 Major Religions of the World  
 THE 313 Systematic Theology I  
 THE 314 Systematic Theology II  
 THE 320 Systematic Theology  
 THE 353 History of Christianity of  
 America  
 THE 398 Research Practicum  
 THE 402 Divine Healing  
 THE 415 Christian Apologetics  
 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

THE 499 Senior Paper

***Writing***

WRT 430 Grant Writing

## Course Descriptions

Courses are listed alphabetically by subject prefix.

*Due to the COVID-19 pandemic ACT and SAT scores may not be available. For courses with ACT/SAT prerequisites please contact the department for alternative means of showing the prerequisite has been met.*

### Accounting (ACT)

#### **ACT 215**

##### **Financial Accounting 3 credit hours**

This course introduces the financial accounting model and the application of fundamental accounting principles. The corporate form of business serves as the primary model for the study of basic transactions, journal entries, general ledger accounts, adjusting entries, closing entries and trial balances in the accounting for assets, liabilities, stockholder's equity, revenues, and expenses. Financial statement preparation includes the income statement, statement of retained earnings, balance sheet and statement of cash.

#### **ACT 216**

##### **Managerial Accounting 3 credit hours**

This course introduces basic managerial accounting concepts and emphasizes the use of accounting data in decision making. Topics covered include cost accumulation models, cost behavior, break-even analysis, variable costing, budgeting, differential analysis, product pricing, capital expenditure analysis, and financial statement analysis.

**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 ACT 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. (Equivalent Course: 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. (Equivalent Course: GACT 528.)

**Prerequisite:** ACT 327.

#### **ACT 380**

##### **Governmental and Nonprofit Accounting 3 credit hours**

Application of accounting principles to governmental units and nonprofit institutions with emphasis on budgetary control, the operation of funds, and financial reporting (Equivalent Course: GACT 580.)

**Prerequisite:** ACT 215.

#### **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. (Equivalent Course: 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. (Equivalent Course: 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. (Equivalent Course: 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. (Equivalent Course: 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. (Equivalent Course: GACT 543.)

**Prerequisite:** ACT 442.

#### **ACT 451**

##### **Accounting Internship 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.

**Restriction:** Accounting majors only.

**Prerequisite:** Student must have an internship position pre-arranged before the first day of class.

#### **ACT 462**

##### **Advanced Accounting I 3 credit hours**

An in-depth study of business combinations, consolidated financial statements, and accounting for partnership creation, operation, dissolution, and liquidation. Emphasizes worksheet techniques for the preparation of consolidated statements. (Equivalent Course: GACT 532.)

**Prerequisite:** ACT 328.

**ACT 463****Advanced Accounting II****3 credit hours**

Completes the study of financial accounting theory begun in ACT 327. Covers various topics, with primary emphasis on not-for-profit accounting (for government, universities, hospitals, and voluntary organizations), fiduciary accounting (for estates, trusts, and insolvent companies), and advanced financial statement presentations (interim reporting, foreign currency transactions, financial statements, segment reporting, and accounting for derivatives). (Equivalent Course: GACT 563.)

**Prerequisite or co-requisite:** 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. (Taken for Pass/No Pass grade).

**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.

**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.

**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.

**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. (Equivalent Course: GACT 571.)

**Prerequisites:** ACT 215, 216, and 327.

**ACT 474****Tax Seminar****3 credit hours**

A tax seminar focused on various contemporary federal taxation, tax planning opportunities, and tax compliance issues. (Equivalent Course: GACT 574.)

**Prerequisite:** ACT 216.

**ACT 999****Accounting Elective****1-6 credit hours**

Course transferred to apply to an ORU major or minor. (More than one course can be transferred under this number.) Restriction: Approval by petition of department chair.

**Advertising (ADV)****ADV 211****Workshop: Advertising****3 credit hours**

Teaches students to work as part of a sales team with defined sales objectives in an active media sales office through ORU's Student Media Publications. Provides experience in prospecting, cold calling, personal selling, contracting, customer service, and relationship-building activities to service both in-house and newly acquired accounts. Also includes creative services account support and collections of outstanding payments. Students use Adobe Creative Suite® and Microsoft Office® software. (May be repeated for credit.)

**ADV 216****Advertising Fundamentals and Design****3 credit hours**

An introduction to foundational theories and practical application of principles of advertising and marketing for print.

**Prerequisite:** INT 101.

**Course fee:** \$40.

**ADV 221****Branding, Promotions and Storytelling****3 credit hours**

Study of a product, service, cause, or organizational promotional campaign. Branding, promotions, advertising, marketing, public relations, social media, graphic design, and primary and secondary research are studied and utilized in building a promotional package for the adopted class client.

**ADV 320**

Communications Research

3 credit hours

An introduction 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.

**ADV 421****Media Planning****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 or MKT 130.

**ADV 499****Senior Research Project****3 credit hours**

Specialized research culminating in a senior paper and/ or other approved project. Restriction: Permission of instructor required.

**Course fee:** \$40.

**ADV 999****Advertising Elective****1-6 credit hours**

Course transferred to apply to an ORU major or minor. (More than one course can be transferred under this number.) Restriction: Approval by petition to department chair.

**Arabic (ARA)****ARA 101****Elementary Arabic I****4 credit hours**

A beginning course in Arabic. Covers oral/aural work, vocabulary, grammar, and composition. Covers most activities listed in the ACTFL novice-mid competencies. (This course does not count toward the Bachelor of Arts language requirement or a minor in Arabic but can be used for elective credit.)

**Course fee:** \$40.

**ARA 102****Elementary Arabic II****4 credit hours**

Builds on the skills from ARA 101. Includes oral/aural practice and covers additional vocabulary and grammar, including various verb tenses. Covers most activities listed in the ACTFL novice-high competencies.

**Prerequisite:** ARA 101 with a grade of "C" or higher.

**Course fee:** \$40.

### **ARA 203**

#### **Intermediate Arabic I**

##### **3 credit hours**

Continued study of Arabic with review of grammar and composition. Includes selected readings in addition to text. Covers most activities listed in the ACTFL intermediate-low competencies.

**Prerequisite:** Proficiency examination or ARA 102 with a grade of "C" or higher.

**Course fee:** \$40.

### **ARA 204**

#### **Intermediate Arabic II**

##### **3 credit hours**

An intensive practical conversational workshop. Grammar review, vocabulary expansion, with emphasis on spoken Arabic, both oral and aural skills. Includes presentations, videos, and additional means to promote active student participation. Covers most activities listed in the ACTFL intermediate mid-level competencies.

**Prerequisite:** ARA 203 with a grade of "C" or higher.

### **ARA 219**

#### **Travel Study**

##### **3 credit hours**

A two-week trip to an Arabic-speaking country. Includes an in-depth study of history, geography, and art. Students learn everyday customs and have an opportunity to put grammar principles to practical use. (May substitute for ARA 203 to fulfill general education language requirement only).

**Prerequisite:** ARA 102 or demonstrated proficiency.

### **ARA 301**

#### **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, such as difficult vowels and consonants, correct usage of 'liaisons,' silent e's, intonations, rhythms, accents, and pauses. Includes speech patterns ranging from versification to slang of different degrees. Covers most activities listed in the ACTFL intermediate-high competencies. (Taught in Arabic.)

**Prerequisite:** ARA 204 or equivalent.

### **ARA 302**

#### **Literature and Composition**

##### **3 credit hours**

A course to develop writing skills using applied stylistic analysis and practical

compositional exercises. Covers most activities listed in the ACTFL intermediate-high competencies. (Taught in Arabic.)

**Prerequisite:** ARA 204.

### **ARA 305**

#### **Civilization and Culture**

##### **3 credit hours**

A study of the historical, political, and cultural development of China with emphasis on contemporary aspects. Covers most activities listed in the ACTFL intermediate-high competencies. (Taught in Arabic.)

**Prerequisite:** ARA 204 or equivalent.

### **ARA 306**

#### **Business Arabic**

##### **3 credit hours**

A study of Arabic in its application to business, including terminology with respect to office procedures and international marketing. (Taught primarily in Arabic.)

This practical course is a study of Arabic in its application to business including terminology with respect to office procedures and international marketing. Various aspects of communication in the market place will be explored, including letter-writing and telephone conversations using polite and appropriate levels of address. A special feature of the course will be the focus on students' anticipated needs.

**Prerequisite:** ARA 204.

### **ARA 450**

#### **Internship**

##### **1-3 credit hours**

Systematic and supervised practicum in an Arabic-speaking community. Application of Arabic oral communication and writing skills. Credit varies, depending on time involved on-site.

**Prerequisite:** ARA 204.

**Restriction:** Permission of the department chair required.

### **ARA 451**

#### **Special Readings**

##### **1-3 credit hours**

Special readings course in Arabic to cover general or specific areas as determined by the professor to meet the need of the student.

**Restrictions:** Arabic minor, arrangement with professor, and departmental permission.

## **Art (ART)**

### **ART 090**

#### **BFA Portfolio Review**

##### **0 credit hours**

Required portfolio assessment confirming Bachelor of Fine Arts (BFA) degree candidacy. Admission criteria include evidence that the candidate possesses exceptional talent, the potential to develop high-level competencies, artistic and/or design sensibilities, professionalism and a strong sense of commitment to chosen specialization.

**Course Fee:** \$5.00

**Restriction:** BFA in Art majors only.

### **ART 095**

#### **BFA Progress Review**

##### **0 credit hours**

Required portfolio assessment confirming continuation within Bachelor of Fine Arts (BFA) degree candidacy. Review criteria include evidence that the candidate is progressing in talent refinement, necessary high-level competencies, artistic and/or design sensibilities, professionalism and sense of commitment to chosen specialization.

**Course Fee:** \$5.00

**Restriction:** BFA in Art majors only.

### **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. (Equivalent Course: 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. (Equivalent Course: HUM 255.)  
**Course fee:** \$15.

### **ART 106**

#### **Elementary and Secondary Methods and Evaluation**

##### **1 - 3 credit hours**

A seminar class including--but not limited to--pertinent subjects, guest speakers from the education community, demonstrations, and exercises that are outside the scope of other art courses. (Can be taken more than once for credit.)

### **ART 107**

#### **Digital Fundamentals**

##### **3 credit hours**

An introduction to contemporary graphic design software titles relating to the production of design artifacts across a diverse range of media--word process, vector, raster, page layout, web, and motion. The course will focus on visual problem solving through the tools of digital technology. (Class contact for lecture and studio--6 hours.)

**Course Fee:** \$40.

### **ART 108**

#### **Survey of Non-Western Art History**

##### **3 Credit Hours**

This course will serve as an introduction to the art of the non-western world including South and Southeast Asia, China and Japan, Africa, Native America and Oceania. We will conduct a survey of visual traditions of these regions including art, sculpture, architecture, painting, ceramics and book cultures, from the pre-historic till the early modern phase. Artistic production in these regions will be studied in the context of geographical, historical, political, socio-economic and cultural conditions. Lectures and discussion will focus on developing an understanding of the art of various cultures as it evolved over time, while evaluating the role of historical changes on artistic expression and technique.

**Course Fee:** \$15.00.

### **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:** \$80.

### **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 and 213

**Course fee:** \$40.

### **ART 204**

#### **Printmaking I**

##### **3 credit hours**

A course covering the basic media and processes involved in the relief and intaglio processes, serigraphy, and creative printmaking. (Class contact for lecture and studio--6 hours per week.)

**Prerequisites:** ART 101 and 213.

**Course fee:** \$40.

### **ART 205**

#### **Typography**

##### **3 credit hours**

Intermediate application of language, letterforms, and accompanying devices across a diverse range of media. Development of visual and audible representation of language to solve complex communication requirements. Develops theoretical and technical design skills including organization, hierarchy, aesthetics, and production technology. Assessment via written and verbal critiques, research, analysis, and descriptions of project-based work. (Class contact for lecture and studio--6 hours per week.)

**Prerequisites:** ART 101, 218.

**Course fee:** \$40.

### **ART 213**

#### **Drawing**

##### **3 credit hours**

A course intended to develop the student's understanding of the basic concepts of drawing and their powers of observation. Students work with various media utilizing a variety of sources and environments (Class contact for lecture and studio--6 hours per week.)

**Course fee:** \$40.

### **ART 214**

#### **Figure Drawing**

##### **3 credit hours**

Introduction to fundamentals of drawing the human figure from gesture to finished work. Emphasis on shape, form, value, structure, and individual expression. (Class contact for lecture and studio--6 hours per week.)

**Prerequisite:** ART 213.

**Course fee:** \$40.

### **ART 218**

#### **Graphic Design I**

##### **3 credit hours**

Introductory application of visual literacy and cognitive strategies to aide in solving communication problems using appropriate technology. Introduction to procedures and methodologies for problem identification, research, analysis, and evaluation. Assessment via written and verbal critiques, research, analysis, and descriptions of project-based work. (Class contact for lecture and studio--6 hours per week.)

**Prerequisite:** ART 101.

**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**

Extensive exploration in studio problems with emphasis on historical and current issues as they apply to individual expression in ceramics. (Class contact for lecture and studio-6 hours per week. Course can be repeated for credit up to six hours)

**Prerequisite:** ART 201.

**Course fee:** \$60.

### **ART 302**

#### **Sculpture II**

##### **3 credit hours**

Extensive exploration in studio problems with emphasis on historical and current issues as they apply to individual expression in sculpture. (Class contact for lecture and studio-6 hours per week. Course can be repeated for credit up to six hours)

**Prerequisite:** ART 202.

**Course fee:** \$60.

### **ART 303**

#### **Painting II**

##### **3 credit hours**

Extensive exploration in studio programs with emphasis on historical and current issues as they apply to individual expression in painting (Class contact for lecture and

studio—6 hours per week. Course can be repeated for credit up to six hours)

**Prerequisite:** ART 203.

**Course fee:** \$40.

### **ART 304**

#### **Printmaking II**

##### **3 credit hours**

Extensive exploration in studio problems with emphasis on historical and current issues as they apply to individual direction and expression on printmaking. (Class contract for lecture and studio—6 hours per week. Course can be repeated for credit for up to six hours).

**Prerequisite:** ART 204.

**Course fee:** \$40.

### **ART 307**

#### **Art History Survey III**

##### **3 credit hours**

A survey and topical study of issues in the nineteenth and twentieth century art of Europe and North America.

**Course fee:** \$15.

### **ART 311**

#### **Contemporary Forms**

##### **3 credit hours**

A study of art produced since World War II, focusing on current movements within the international art community.

**Course Fee:** \$15.00

**Restriction:** BFA in Art majors only.

**Prerequisites:** Passed ART 090.

### **ART 314**

#### **Drawing III**

##### **3 credit hours**

Drawing III will continue to develop the student's understanding of the concepts of drawing. Students will continue to develop their skills in media by using a variety of sources and environments. (Class contact for lecture and studio—6 hours per week. Course can be repeated for credit up to six hours)

**Prerequisite:** ART 213.

**Course fee:** \$40.

### **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.)

**Prerequisite:** ART 218.

**Course fee:** \$40.

### **ART 322**

#### **Advanced Ceramics**

##### **3 credit hours**

Extensive exploration in studio problems with emphasis on historical and current issues as they apply to individual expression in ceramics. (Class contact for lecture and studio—6 hours per week. Course can be repeated for credit up to six hours.)

**Prerequisite:** ART 201

**Course Fee:** \$80

### **ART 328**

#### **Graphic Design History**

##### **3 credit hours**

An investigation of the key figures and stylistic periods of visual communication and graphic design. Analysis and criticism of the social, cultural, political and economic contexts of design movements and solutions.

**Course fee:** \$15.

### **ART 331**

#### **Illustration**

##### **3 credit hours**

An introduction to the historic and contemporary materials, techniques, and processes of illustration. Addresses the creation of communicative solutions through conceptual development, compositional variation, and the characteristics of various media. 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 and 213.

**Course fee:** \$40.

### **ART 333**

#### **Watercolor**

##### **3 credit hours**

Watercolor will develop skills in watercolor painting, stressing form and composition, visual perception, and individual expression. (Class contact for lecture and studio--6 hours per week.)

**Course fee:** \$40.

### **ART 335**

#### **Graphic Design III**

##### **3 credit hours**

An advanced study of the technologies and materials associated with communication design in three dimensions (physical and virtual). A broad study of human factors topics important to designers and researchers. Emphasis placed on using anatomy, ergonomics, usability, and user-

interface to enhance quality and integrate best practices into design methodologies and policies. (Class contact for lecture and studio—6 hours per week.)

**Prerequisites:** ART 090 BFA Portfolio

Review or permission of the instructor.

**Course fee:** \$40

### **ART 355**

#### **Graphic Design Studio**

##### **1.5-3 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.

**Course fee:** \$40.

### **ART 360**

#### **Art and Professionalism**

##### **3 credit hours**

This course addressed art practice, critical theory, and practical survival skills needed to become a professional artist. Meetings and discussions focus on the pragmatic elements of art production: grant writing, press relations and slide/portfolio presentations.

**Course Fee:** \$15.00.

**Restriction:** BFA in Art majors only.

### **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 the camera to control mode, ISO, white balance, focus exposure, framing, and other parameters. Uses a photo-journalistic approach (i.e., storytelling through imaging) with a final project

demonstrating technical knowledge and artistic competence. (Class contact for lecture and studio—6 hours per week.)

**Prerequisite:** ART 101.

**Course fee:** \$60.

### **ART 371**

#### **Ceramics III**

##### **3 credit hours**

Extensive exploration in studio program with emphasis on historical and current issues and they apply to individual expression in ceramics. A continuation of ART 301, with an emphasis on skill building as a potter. Includes altering the thrown form and developing surface manipulation. (Class contact for lecture and studio – 6 hours.)

**Prerequisites:** ART 301, ART 090.

**Course Fee:** \$60.

### **ART 372**

#### **Sculpture III**

##### **3 credit hours**

Extensive exploration in studio program with emphasis on historical and current issues and they apply to individual expression in sculpture. This course is designed for highly motivated students who are seriously interested in the process and history of sculpture. Students are expected to explore ideas in sculpture that they bring to the class. While it is not required, it can be helpful to see the progression of projects for this class as a developing sequence or series that builds on itself.

**Prerequisites:** ART 302, ART 090.

**Course fee:** \$60.

### **ART 373**

#### **Painting III**

##### **3 credit hours**

Extensive exploration in studio program with emphasis on historical and current issues and they apply to individual expression in painting.

**Prerequisites:** ART 303, ART 090.

**Course Fee:** \$40.

### **ART 374**

#### **Printmaking III**

##### **3 credit hours**

Extensive exploration in studio program with emphasis on historical and current issues and they apply to individual expression in printmaking.

**Prerequisites:** ART 304, ART 090.

**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.) (Can be taken more than once for credit.)

**Prerequisite:** ART 218.

**Course fee:** \$40.

### **ART 383**

#### **Drawing IV**

##### **3 credit hours**

Extensive exploration in studio program with emphasis on historical and current issues and they apply to individual expression in drawing.

**Prerequisites:** ART 314, ART 090.

**Course Fee:** \$40.

### **ART 393**

#### **Illustration II**

##### **3 credit hours**

This course continues to develop illustration concepts, and compositions into specific topic-oriented projects. Through this course, students are introduced to the advanced and emerging digital tools and techniques. These digital methods prepare student work for diverse professional venues.

**Prerequisites:** ART 331, ART 090.

**Course Fee:** \$40.

### **ART 395**

#### **Digital Photography II**

##### **3 credit hours**

Extensive exploration in studio program with emphasis on historical and current issues and they apply to individual expression in photography.

**Prerequisites:** ART 365, ART 090.

### **ART 412**

#### **Graphic Design IV**

##### **3 credit hours**

An advanced study of the theories and interdisciplinary nature of design problem resolution, especially as pertinent to complex design systems. Practical application of research techniques, prototyping and assessment to support design decisions. (Class contact for lecture and studio—6 hours per week.)

**Prerequisites:** ART 335, ART 090 BFA Portfolio Review or permission of the instructor.

**Course fee:** \$40.

### **ART 435**

#### **Advanced Photography**

##### **3 credit hours**

The application of advanced tools and techniques of photography. Exploration of personal expression and client satisfaction developed through the critique process.

Assessment via verbal critiques, analysis, and descriptions of project-based work.

(Class contact for lecture and studio--6 hours.) (Can be repeated once for credit.)

**Prerequisites:** ART 101 and 365.

**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. (Can be taken more than once for credit.)

**Prerequisite:** ART 318.

**Course fee:** \$40.

### **ART 452**

#### **Directed Study**

##### **1-3 credit hours**

Supervised study within a chosen discipline. Restriction: Permission of instructor.

**Course fee:** \$40

### **ART 453**

#### **Practicum Infield Study**

##### **3 credit hours**

Provides the senior graphic design student with the opportunity to work full time for an entire semester in a fully equipped state-of-the-art graphics studio, producing art and design projects for an international media ministry. (Class contact for studio—6 hours.)

**Prerequisites:** ART 355 and advisor consent.

**Course fee:** \$40.

### **ART 454**

#### **Studio Art Internship**

##### **3 credit hours**

Apprenticeship program designed to give students first-hand exposure to professional artists, designers and art institutions. Internships individually tailored to meet the needs of the student. Approved internship experiences require student to complete a minimum of 90 hours with one or more mentors or organizations.

**Prerequisite:** Passed ART 090 or permission of instructor.

**Course Fee:** \$40.

### **ART 461**

#### **Senior Paper**

##### **3 credit hours**

Specialized research in art and related studies culminating in a senior paper.

**Restriction:** Senior standing.

**Course fee:** \$15.

**ART 499****Senior Project****3 credit hours**

A course with an emphasis on portfolio preparation and presentation.

**Restriction:** Permission of department.

**ART 999****Art Elective****1-6 credit hours**

Course transferred to apply to an ORU major or minor. (More than one course can be transferred under this number.)

**Restriction:** Approval by petition to department chair.

## American Sign Language (ASL)

**ASL 111****Beginning American Sign Language I****3 credit hours**

A beginning study of American Sign Language. (This course is for elective credit only.)

**ASL 112****American Sign Language II****3 credit hours**

A continuation of ASL 111. Builds on basic signs and experience in the D/deaf culture. Includes learning idioms and classifiers and helps students become more proficient in signing. Focuses on signed utterances and receptive understanding of American Sign Language and its use in the D/deaf community. (This course is for elective credit only.)

**Prerequisite:** ASL 111

## Biomedical Engineering (BE)

**BE 310****Biomedical Engineering Survey****3 credit hours**

A survey course of the theory and principles of bio-systems and biomedical instrumentation.

**Prerequisites:** BIO 111/111L, CHE 111/111L, PHY 111/111L, and MAT 202.

**Course fee:** \$55.

**BE 450****Special Topics****3 credit hours**

Courses of current interest.

**Restriction:** Permission from instructor.

**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.

**Restrictions:** Arrangement with professor and approval of department chair.

**BE 999****Biomedical Engineering Elective****1-6 credit hours**

Course transferred to apply to an ORU major or minor. (More than one course can be transferred under this number.)

**Restriction:** Approval by petition to department chair.

## Biblical Studies (BIB)

**BIB 222****Old Testament Introduction****3 credit hours**

A general introduction to the various books of the Old Testament dealing with the problems of canon, authorship, composition, date of writing, and providing some background in the cultural, historical, geographical, and archaeological setting in which the Bible events occurred.

**BIB 251****Biblical Greek I****3 credit hours**

The beginning course in the study of Biblical Greek, emphasizing grammar and basic vocabulary.

**BIB 252****Biblical Greek II****3 credit hours**

A continuation of Biblical Greek I with an emphasis on reading the Greek text of the New Testament and identifying grammatical forms. This completes the student's preparation for basic Greek exegetical and hermeneutical study of the New Testament.

**Prerequisite:** BIB 251.

**BIB 261****New Testament Introduction****3 credit hours**

A general introduction to the various books of the New Testament with an emphasis on content and an examination of questions such as authorship, source, reliability, and canonicity.

**BIB 302****Historical Geography of the Holy Land****3 credit hours**

A study of the geography and history of Palestine since antiquity, especially in relation to the nation of Israel and the Early Church.

**BIB 303****Jewish Civilization****3 credit hours**

Explores Jewish civilization as expressions of history, faith, culture, social, and religious practice of the Jewish people.

**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 307****Discovering New Testament Holy Land****3 credit hours**

This class introduces students to the history, culture and geography of New Testament Palestine by traveling to Israel, visiting important New Testament locations, participating in field studies at current archeological sites, and helping students apply the historical and geographical contexts of the land to biblical studies. (This class is an intensive ten-day academic study integrated with field studies designed to introduce the student to the geography, history and archaeology of significant New Testament sites. Regional studies with overnight field studies, on-site lectures, preparatory lectures at the campus, and required map work prior to arrival all help the student to apply the geographical context of the land to biblical studies.)

**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 313****Jewish History and Culture of New Testament Times****3 credit hours**

A study of the Jewish historical, cultural, and ideological matrix of the New Testament and early Christianity.

**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 320**

Systematic Theology

3 credit hours

A study of the major doctrines of systematic theology, including the God, Jesus Christ, Holy Spirit, the Trinity, human nature, salvation, the church, sacraments, and last things. (Equivalent Course: THE 320).

**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 306, THE 217, and (BIB 222 or BLIT 111).

**BIB 346**

**Luke-Acts**

3 credit hours

A study of the Gospel of Luke and the Book of Acts. Covers the Lukan redactional emphasis as well as a review of the content. Also examines events in the life of Jesus in the Early Church and in the journeys of Paul.

**Prerequisites:** BIB 306, THE 217, and (BIB 261 or BLIT 122)

**BIB 349**

**Israel in Christian Theology**

3 credit hours

Presents an overall theological perspective on Israel in Christian theology. Discusses the pertinent questions of Israel in Biblical exegesis, patristic literature, and Christian theology.

**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 358**

**Turkey Study Tour**

3 credit hours

A study trip investigating the geographical, historical, archaeological, and cultural setting of Asia Minor (Anatolia) in the New Testament times. Students visit many of the Biblical sites in Turkey related to Paul's three missionary journeys, the communities of Peter, and the seven churches addressed in John's Revelation.

**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 306, THE 217, and (BIB 261 or BLIT 122).

**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 306, THE 217, and (BIB 261 or BLIT 122).

**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 306, THE 217, and (BIB 261 or BLIT 122).

**BIB 372**

**Revelation and the Writings of John**

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 306, THE 217, and (BIB 261 or BLIT 122).

**BIB 373**

**Johannine Literature**

3 credit hours

An exegetical study of the Gospel and Epistles of John. The study explicates the literary and theological themes related to these books. Investigates key historical issues, such as authorship, date, and community.

**Prerequisite:** BIB 261, BIB 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 306, THE 217, and (BIB 261 or BLIT 122).

**BIB 420**

**A Biblical Approach to Middle Eastern Religious Literature**

3 credit hours

This interdisciplinary course will conduct a comparative analysis of the Bible and the Qur'an, with an eye toward observing differences in the depiction of leading characters, theological tenets, religious practices, and political theology. Careful attention will be given to passages in the Qur'an which are touchstones for Islamic attitudes toward Judaism and Christianity. The class will evaluate the significance of these attitudes for contemporary Islamic political thought and terrorism.

**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 306, THE 217, and (BIB 222 or BLIT 111).

**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 306, THE 217, and (BIB 222 or BLIT 111).

### **BIB 435**

#### **Psalms**

#### **3 credit hours**

A study of the Psalms in their canonical and ancient Near Eastern context. It emphasizes Hebrew poetry and its importance in biblical interpretation and offers an opportunity to write a Psalm in the biblical tradition.

**Prerequisites:** BIB 222, 306, and THE 217

### **BIB 436**

#### **Wisdom Literature**

#### **3 credit hours**

A study of the Wisdom Books of the Old Testament (Job, Proverbs, and Ecclesiastes) and Deuterocanonical books (Ecclesiasticus, and the Wisdom of Solomon). It examines Hebrew poetry and lament in context with other ancient Near Eastern literature.

**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 306, THE 217, and (BIB 222 or BLIT 111).

### **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 306, THE 217, and (BIB 222 or BLIT 111).

### **BIB 453**

#### **Jewish Perspectives on the Bible**

#### **3 credit hours**

Topics vary by semester. Attention is given to critical and theological problems, relevant bibliography, contributions of significant scholars, and contemporary issues in interpretation.

### **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 306, THE 217, and (BIB 222 or BLIT 111).

### **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 470**

#### **New Testament Theology**

#### **3 credit hours**

A study of major themes and doctrines contained in the New Testament. Emphasizes the contributions of the various biblical books to the unity of the New Testament.

### **BIB 483**

#### **The Jewish and Rabbinic 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. Also examines post-Biblical Jewish literature to gain fresh insights into the Gospels and message of Jesus.

### **BIB 499**

#### **Senior Paper**

#### **3 credit hours**

Designed research and writing project for seniors studying under the personal guidance of a professor, with each doing specialized research in Biblical literature.

**Prerequisite:** THE 217.

### **BIB 999**

#### **Biblical Studies Elective**

#### **1-6 credit hours**

Course transferred to apply to an ORU major or minor. (More than one course can be transferred under this number.)

Restriction: Approval by petition to department chair.

## **Biology (BIO)**

### **BIO 101**

#### **Principles of Biology Lecture**

#### **3 credit hours**

A study of the main principles of life common to both plants and animals, including scientific methods, levels of organization, cell structure and function, photosynthesis, respiration, molecular and Mendelian genetics, reproduction, development, evolution, classification,

behavior and ecology, and their appropriate applications for solving current biological problems. (Open to biology majors by permission. BIO 101 and BIO 111 may not both be taken for credit.)

**Co-requisite:** BIO 101L.

### **BIO 101L**

#### **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.

**Co-requisite:** BIO 101.

**Course fee:** \$25.

### **BIO 104**

#### **Tropical Biology**

#### **4 credit hours**

A 9-day biology lecture and lab field trip to Puerto Rico or other location that introduces students to the biodiversity of tropical ecosystems. Emphasis is on habitats, organisms, biological relationships, conservation, stewardship of the planet, and the human impact on the environment. (Counts for general education or elective credit only.)

### **BIO 105**

#### **Essentials of Biology**

#### **1 credit hours**

A foundational course that teaches students to use a variety of learning techniques to develop an understanding of core principles and mathematical methods in biology and chemistry in preparation for BIO 111 and CHE 111. Emphasizes biological definitions and processes and acquaints students with the periodic table, chemical structures, and chemical calculation techniques. (Equivalent Course: CHE 105.)

**Restriction:** Freshman standing and ACT composite score between 20 and 22 or SAT score between 940 and 1040.

### **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. This is one of four courses (in addition to BIO 111L, 112, and 112L) comprising a sequence designed to serve as prerequisites to all other biology courses and as a comprehensive introduction to the study of biology. This series provides the biology major with the basic language and conceptual foundation for a major leading

to a career in biological or pre-professional health-related fields. These courses are prerequisites to all other biology courses from which biology and pre-professional health career majors make their choices depending upon individual goals, interests, and departmental requirements. (Designed for biology majors and minors and pre-health profession majors.) (Honors sections are available for this course.)

**Co-requisite:** BIO 111L.

### **BIO 111L**

#### **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.)

**Co-requisite:** BIO 111.

**Course fee:** \$50.

### **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.

**Prerequisite:** One semester of biology.

**Co-requisite:** BIO 112L.

### **BIO 112L**

#### **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.

**Co-requisite:** BIO 112.

**Course fee:** \$50.

### **BIO 150**

#### **Human Biology and Global Health Lecture**

##### **3 credit hours**

This course is designed to introduce students to the central principles of biology as well as the philosophy and principles of science in general. This course focuses on issues in human biology, genetics, infectious disease, global health, and bioethics. By the end of this course, students will be in a position to understand current advances and technologies in biology that are of relevance to all members

of society, such as genetic testing and technology, stem cell research and cloning, reproductive technologies, and global health and infectious diseases. (BIO 150 credit does not apply toward the BIO major.)

**Co-requisite:** BIO 150L

### **BIO 150L**

#### **Human Biology and Global Health Laboratory**

##### **1 credit hour**

Lab exercises, experiments, video, and presentations involving scientific method, nutrition, human physiology, genetic inheritance, reproductive technology, microbiology, infectious diseases and global health. (BIO 150L credit does not apply toward the BIO major.)

**Co-requisite:** BIO 150

**Course 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.) Lab fee: \$100

**Prerequisite:** 3.0 GPA, declared major with pre-med concentration, and permission of instructor.

**Course fee:** \$100.

### **BIO 209**

#### **Methods in Biotechnology**

##### **1 credit hour**

Introduction to the latest cutting edge techniques used in the field of biotechnology. Laboratory activities include isolation and characterization of bacterial DNA, basic processes of DNA transfer, DNA finger printing, DNA sequencing, Polymerase chain reaction (PCR), tissue culture, Enzyme Linked Immuno-Sorbent Assay (ELISA), and bioinformatics. (One 3-hour lab period per week.)

**Prerequisite:** Grade of "C" or higher in BIO 111L. Also includes a listening and speaking component.

**Course fee:** \$100.

### **BIO 212**

#### **Principles of Microbiology Lecture**

##### **3 credit hours**

A study of the characteristics and importance of microorganisms with emphasis on their pathogenicity, control

and relationships to health and disease designed for nursing majors. (This course does not count as upper division biology credit.)

**Prerequisites:** One semester each of general biology and chemistry, both with labs.

**Co-requisite:** BIO 212L.

### **BIO 212L**

#### **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. (One 3-hour lab period per week.)

**Co-requisite:** BIO 212.

**Course fee:** \$100.

### **BIO 259**

#### **Medical 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. Restriction: Permission of instructor required.

### **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 209.

**Co-requisite:** BIO 310L.

### **BIO 310L**

#### **Microbiology Laboratory**

##### **1 credit hour**

An introduction to microbiology lab techniques including isolation, cultivation, characterization, and identification of micro-organisms. (One 3-hour lab period per week.)

**Co-requisite:** BIO 310.

**Course fee:** \$100.

### **BIO 311**

#### **Medical 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.

**Prerequisites:** One year of biology and BIO 209 required; statistics recommended.

**Co-requisite:** BIO 311L.

**BIO 311L****Medical 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; BIO 209.

Co-requisite: BIO 311.

**Course fee:** \$100.

**BIO 312****Human 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 Earth keeping.

**Prerequisites:** One year each of general chemistry and introductory biology (with lab).

**Co-requisite:** BIO 312L.

**BIO 312L****Human 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.)

**Co-requisite:** BIO 312.

**Course 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 372****Introduction to Biological Research****1 credit hour**

A course designed to introduce junior-level biology majors to scientific research in preparation for conducting their senior research projects. Introduces students to the nature of science and its methods and teaches the distinction between a "literature review" and "experimental" research project. Students then select a research topic, a research director for the senior research project. Students design an experimental project and write a research proposal.

**BIO 410****Medical Parasitology Lecture****3 credit hours**

Designed to introduce biology and nursing majors to the field of medical parasitology. Emphasis is placed on life cycles, pathology, modes of transmission, prevention and treatment, and the diagnostic stages of medically important parasites.

Restrictions: Student must be a biology major or minor, pre-medicine, international community development or nursing major or have permission from the instructor.

**Co-requisite:** BIO 410L.

**BIO 410L****Medical Parasitology Lab****1 credit hour**

Discussion of procurement, handling and preparation of clinical specimens for laboratory analysis will be discussed.

**Co-requisite:** BIO 410.

**Course fee:** \$100.

**BIO 411****Molecular Cell Biology Lecture****3 credit hours**

An introductory survey of biological processes of prokaryotic and eukaryotic cells with special emphasis on the structure and function relationships, current biochemical theory and techniques, and the molecular basis of genetics and heredity.

**Prerequisites:** CHE 111 and 112 lectures and labs; BIO 111 and 112 lectures and labs; BIO 209, BIO 310 with a minimum semester grade of "C".

**Co-requisite:** BIO 411L.

**BIO 411L****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.

**Co-requisite:** BIO 411.

**Course fee:** \$100.

**BIO 420****Molecular Virology Lecture****3 credit hour**

An introduction to the history, classification, and molecular mechanisms of viruses with special emphasis on human and animal infections and emerging pathogens.

**Prerequisites:** One year each of general biology and general chemistry.

**Co-requisite:** BIO 420 Lab

**BIO 420L****Molecular Virology Lab****1 credit hour**

An introduction to the history, classification, and molecular mechanisms of viruses with special emphasis on human and animal infections and emerging pathogens.

**Prerequisites:** One year each of general biology and general chemistry.

**Co-requisite:** BIO 420

**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.

**Co-requisite:** BIO 421L.

**BIO 421L****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.)

**Co-requisite:** BIO 421.

**Course fee:** \$50.

**BIO 429****Secondary Science Methods****1 credit hour**

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. (Intended to be taken three times.)

**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.

**Co-requisite:** BIO 431L

**BIO 431L****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.

**Co-requisite:** BIO 431.

**Course 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. (Equivalent Course: EVR 451.)

**Restrictions:** 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.)

**Restrictions:** Junior or senior biology majors or by consent of department chair and instructor.

**Course fee:** \$100.

### **BIO 456**

#### **Biomedical Ethics**

##### **3 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, 310L and CHE 211 with a grade of "C" or better; BIO 370. (Biochemistry, molecular cell biology, or genetics courses are recommended.)

**Co-requisite:** BIO 457L.

### **BIO 457L**

#### **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, immune-affinity-based procedures and practice problem solving.

**Prerequisites:** BIO 310 and 310L and CHE 211 and 211L with a grade of "C" or better; BIO 370.

**Co-requisite:** BIO 457.

**Course 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, 101L; 111, and 111L.

**Co-requisite:** BIO 458 lab is strongly recommended.

### **BIO 458L**

#### **Marine Ecology Laboratory**

##### **1 credit hour**

Designed to train students to apply many of the principles learned in the BIO 458 to the marine environment. The lab occurs primarily during the spring break trip to Cozumel, Florida, or Puerto Rico.

**Prerequisites:** BIO 101 and 101L or BIO 111 and 111L.

**Co-requisite:** BIO 458.

**Course 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 and BIO 372.

**Restriction:** Senior standing.

**Course fee:** \$50.

### **BIO 999**

#### **Biology Elective**

##### **1-6 credit hours**

Course transferred to apply to an ORU major or minor. (More than one course can be transferred under this number.)  
Restriction: Approval by petition to department chair.

## **Biblical Literature (BLIT)**

### **BLIT 110**

#### **Survey of Old Testament Literature** **3 credit hours**

A historical-thematic survey of the Old Testament. Gives special attention to the content of the Old Testament, with emphasis on the cultural, historical, and geographical background to the text and to the practical application of major Old Testament themes. Requires students to read through the Old Testament.

### **BLIT 111**

#### **Christian Life Through Biblical Engagement I: Old Testament** **2 credit hours**

The redemptive story of the Bible from Genesis to Malachi, providing the foundation and context for the New Testament revelation of Jesus Christ as God's Son and Savior of the world. The Old Testament will be seen as vital to Christian living—with scripture, the Holy Spirit, and God's people providing our standards, our empowerment, and our life-sharing fellowship. Special attention will be given to major events, themes, and characters of the Old Testament.

### **BLIT 120**

#### **Survey of New Testament Literature** **3 credit hours**

A historical-thematic survey of the New Testament. Gives special attention to the content of the New Testament, with emphasis on the cultural, historical, and geographical background to the text and to the practical application of major New Testament themes. Requires students to read through the New Testament.

### **BLIT 122**

#### **Christian Life Through Biblical Engagement II: New Testament** **2 credit hours**

The redemptive story of the Bible from Matthew through Revelation, emphasizing the revelation of Jesus Christ as God's son and Savior of the world and how the early Church spread this message cross-culturally. The New Testament will be seen as vital to Christian living—with Scripture, the Holy Spirit, and God's people providing the standards, our empowerment, and our life-sharing fellowship. Special attention will be given to the person and work of Jesus: his teachings on the Kingdom of God and how his miracles demonstrated the reality of the Kingdom. Jesus' death, resurrection, ascension, and gift of the Holy Spirit enable us as followers to continue his work, even as we wait for his return. Other major

events, themes, and characters will be identified.

### **BLIT 999**

#### **Biblical Literature Elective**

##### **1-6 credit hours**

Course transferred to apply to an ORU major or minor. (More than one course can be transferred under this number.)

Restriction: Approval by petition to department chair.

## **Business (BUS)**

### **BUS 099**

#### **Business Seminar**

##### **1 credit hour**

Selected topics such as organizational behavior, human relations development, marketing, management, finance, accounting, computer applications, and international relations.

(Pass/fail only.)

### **BUS 100**

#### **Introduction to Business**

##### **2 credit hours**

A foundational overview of business fundamentals and practice from a Christian perspective. Forms of business ownership, management, marketing, accounting, finance, information systems, professional development, career readiness strategies, and Christian calling in business.

**Restriction:** Freshman status.

### **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.”

**Prerequisite:** BUS 202.

**Restriction:** Junior or Senior standing.

### **BUS 326**

#### **Business Law II**

##### **3 credit hours**

A continuation of BUS 325 with emphasis upon the Uniform Commercial Code, the Uniform Consumers Code, the Truth in Lending Act, and their effects on sales, commercial paper, creditor rights and secured transactions, consumer credit sales, consumer loans, disclosure statements, limitations on consumer liability, home solicitation sales, and consumer and creditor remedies. Also, the study of the law of agency, partnerships, special ventures, corporations, and real property.

**Prerequisite:** BUS 325.

**Restriction:** Junior or Senior standing.

### **BUS 345**

#### **Creative Thinking**

##### **3 credit hours**

An introduction to the modern practices of creative thinking in all areas of the business environment. (Equivalent Course: GENT 545.)

### **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 372**

#### **Business Ethics**

##### **3 credit hours**

A study of the interrelationships among individuals, business firms, service industries, nonprofit organizations, churches, and government in American society. Focuses on the issues and problems that confront the leaders exercising social

responsibility and examines the nature and objectives of selected public policies impinging on business. Includes a comprehensive analysis and synthesis of philosophies that determine cultural values and an evaluation in terms of the student's own personal value system. Addresses management's role in upholding Christian principles as it interacts with government and society. (Equivalent Course: GBUS 572.)

### **BUS 375**

#### **Healing Teams: A Global Course**

##### **3 credit hours**

The Global Healing Teams Training (GHTT) course is a capstone whole person general education course that prepares students for participation on domestic and international healing team trips. The course addresses the mind, body, and spirit with an emphasis on applied learning in a global classroom. The ultimate goal of the GHTT course is to prepare students for field research and implementation of real world projects on healing teams. (Equivalent Course: GEN 375).

### **BUS 400**

#### **Senior Seminar**

##### **1 credit hour**

Integrating prior business knowledge, this course provides a comprehensive review of foundational business topics with special emphasis on business tools, information systems, professional development and faith integration in preparation for careers.

**Co-requisite:** MGT 431

**Restriction:** Senior standing.

### **BUS 450**

#### **Special Topics in Business**

##### **3 credit hours**

A course designed to facilitate the study of contemporary issues germane to conducting business in the global economy. Content includes extensive reading and class discussion surrounding text materials and articles from leading business periodicals. Guest speakers provide direction to the discovery process and validate the course content.

### **BUS 451**

#### **Business Administration Internship**

##### **3 credit hours**

A special problem in the area of business administration for the student of special ability in lieu of a regular course. Upon receiving written approval from the instructor, the student may obtain an on-the-job apprenticeship for one semester to provide data for writing a formal paper.

**Restriction:** Business administration major.

**Prerequisite:** Student must have an internship position pre-arranged before the first day of class.

### **BUS 453**

#### **Internship II**

##### **3 credit hours**

An opportunity for the student of special ability, in lieu of a regular course, to obtain an on the job apprenticeship for one semester beyond the requirements of Internship 451 either through a second internship with a second organization or an internship opportunity with the same company which requires a) minimum of 300 total hours and b) increasing responsibilities during the internship.

**Prerequisite:** ACT 451, BUS 451, ENT 451, FIN 451, MGT 451, or MKT 451

### **BUS 454**

#### **International Business Internship**

##### **3 credit hours**

Permits students with special ability to pursue a problem within the concentration. With written approval from the instructor, a student can obtain an on-the-job apprenticeship for one semester to provide data for writing a formal paper.

**Restriction:** International business major.

### **BUS 498**

#### **Senior Paper Preparation**

##### **1-2 credit hours**

A required course designed to prepare students to write their senior papers. Includes seminars, textbook readings, and class discussions to provide an overview of the field of small business management.

**Prerequisites:** ACT 216, BUS 201, MGT 130, MKT 130, and FIN 338 all with a grade of "C" or higher

### **BUS 499**

#### **Senior Paper**

##### **3 credit hours**

A capstone course that must be taken by all ORU College of Business seniors. The course emphasizes application of principles taught in lower-level business courses. The course contains two distinct but integrated phases: the seminar phase, which uses textbook readings and class discussion to provide an overview of the field of small business management, and the project phase, in which students write their senior paper.

**Prerequisites:** ACT 216, BUS 201, FIN 338, MGT 130, MGT 341 and MKT 130.

**Restriction:** Senior standing and a minimum 2.40 cumulative GPA.

### **BUS 999**

#### **Business Elective**

##### **1-6 credit hours**

Course transferred to apply to an ORU major or minor. (More than one course can be transferred under this number.)  
**Restriction:** Approval by petition to department chair.

## **Communication, Arts, and Media (CAM)**

### **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. (May be taken for an additional three elective credits, as approved.)

**Restrictions:** 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.

**Restrictions:** Junior or senior standing and consent of the department.

### **CAM 999**

#### **Communication Arts Elective**

##### **1-6 credit hours**

Course transferred to apply to an ORU major or minor. (More than one course can be transferred under this number.)

**Restriction:** 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.

### **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.

### **CCC 321**

#### **Pastoral Approaches to Counseling**

##### **3 credit hours**

A study designed to acquaint students with the four basic paradigms of Christian

counseling: insight-oriented, behavioral, cognitive, and faith healing. The philosophical assumptions and uses of specific techniques with each are explored.

### **CCC 324**

#### **Foundations of Personality Development**

##### **3 credit hours**

A study of the principal interpretations of personality development, description, dynamics, and determinants.

### **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.

### **CCC 339**

#### **Developing Helping Skills**

##### **3 credit hours**

A study of the major theoretical concepts of counseling psychology presented with practical applications of those concepts in terms of counseling strategies and techniques. Expects the student to formulate appropriate hypotheses concerning representative client problems and propose competent methodologies/strategies for addressing those problems.

### **CCC 405**

#### **Crisis Intervention**

##### **3 credit hours**

A study to acquaint the student with the nature and dynamics of crisis situations. Places emphasis upon intervention principles and procedures in the context of situational crises. The approach includes the concept of training the laity for basic crisis intervention.

### **CCC 411**

#### **Practical Applications of Helping Skills**

##### **3 credit hours**

A counseling practicum designed to provide students with an opportunity to become acquainted with the practice of counseling. Working in various settings, students interact with counseling professionals and become familiar with counseling as it is practiced within an agency.

### **CCC 426**

#### **Assessment and Evaluation**

##### **3 credit hours**

An introductory course for counselors. Its objective is to promote knowledge of and skills in assessment and evaluation.

### **CCC 429**

#### **Substance Abuse**

#### **3 credit hours**

Presents the theological, ethical, moral, and practical considerations important in counseling those who are chemically dependent.

### **CCC 430**

#### **Special Issues in Counseling**

#### **3 credit hours**

The study of contemporary problems, trends, or innovative developments in Christian counseling.

### **CCC 450**

#### **Counseling Research**

#### **3 credit hours**

Designed to give students a working knowledge of the materials and methods used in counseling research. Emphasizes philosophical analysis, counseling bibliography, critical methods of reading and studying, research methodology, and thesis writing.

**Prerequisites:** COMP 102

### **CCC 499**

#### **Senior Practicum/Project**

#### **3 credit hours**

A capstone course in the form of a project or practicum related to the major.

## **Chemistry (CHE)**

### **CHE 101**

#### **Principles of Chemistry Lecture**

#### **3 credit hours**

An introductory course requiring no prior background in chemistry. Emphasizes applying chemical principles to everyday situations and acquaints the student with the periodic table and chemical nomenclature.

**Co-requisite:** CHE 101L.

### **CHE 101L**

#### **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.)

**Co-requisite:** CHE 101.

**Course fee:** \$50.

### **CHE 104**

#### **Applied Chemistry and Physics**

#### **4 credit hours**

This science lecture/lab course serves as an introduction and overview to the physical sciences of physics and chemistry. The course is designed specifically for elementary education majors and serves as partial fulfillment of the science credit hours needed for Oklahoma certification in education.

### **CHE 111**

#### **General Chemistry I Lecture**

#### **3 credit hours**

An introduction to the concepts of chemical bonding, electronic configurations, periodic trends, solution properties, chemical problem solving, and physical properties of gases. Teaches naming of inorganic ions and covalent molecules and dimensional analysis.

**Prerequisite:** One year of high school chemistry and minimum score on the Chemistry placement test.

**Co-requisite:** CHE 111L.

### **CHE 111L**

#### **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.

**Co-requisite:** CHE 111.

**Course fee:** \$50.

### **CHE 112**

#### **General Chemistry II Lecture**

#### **3 credit hours**

Continues the basic study of the physical and chemical properties of matter. Topics include thermodynamics, kinetics, equilibria, colligative properties, and electrochemistry.

**Prerequisites:** CHE 111 and 111L.

**Co-requisite:** CHE 112L.

### **CHE 112L**

#### **General Chemistry II Laboratory**

#### **1 credit hour**

The lab experience 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 and 111L.

**Co-requisite:** CHE 112.

**Course fee:** \$50.

### **CHE 211**

#### **Organic Chemistry I Lecture**

#### **3 credit hours**

An introduction to organic structures and reactions. Course includes a review of general chemistry, alkanes, alkenes, alkynes, alcohols, and polymers.

**Prerequisites:** CHE 112 and 112L.

**Co-requisite:** CHE 211L.

### **CHE 211L**

#### **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 and 112L.

**Co-requisite:** CHE 211.

**Course fee:** \$50.

### **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 arenas of chemistry.

**Prerequisites:** CHE 211 and 211L.

**Co-requisite:** CHE 212L.

### **CHE 212L**

#### **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 and 211L.

**Co-requisite:** CHE 212.

**Course fee:** \$50.

### **CHE 300**

#### **Quantitative Analysis Lecture**

#### **2 credit hours**

A study of inorganic and organic analyses based on chemical equilibrium as applied to chromatography, solubility, titrimetry, spectrophotometry, and electrochemistry.

**Prerequisites:** CHE 112 and 112L.

**Co-requisite:** CHE 300L.

**CHE 300L****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 and 112L.

**Co-requisite:** CHE 300.

**Course fee:** \$100.

**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 and 212L and MAT 201.

**Co-requisite:** CHE 303L.

**CHE 303L****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 112 and 112L; MAT 201.

**Co-requisite:** CHE 303.

**Course fee:** \$100.

**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 and 303L.

**CHE 400****Chemical Instrumentation Lecture  
2 credit hours**

The practical and theoretical investigation of principles, operating parameters, and applications of instruments used for chemical analysis. Gives special attention to electrochemistry and spectroscopy.

**Prerequisites:** CHE 300 and 300L.

**Co-requisite:** CHE 400L.

**CHE 400L****Chemical Instrumentation Laboratory  
2 credit hours**

Emphasis on projects that elucidate the lecture material along with pertinent electronics experiments. Most of the experiments are in spectroscopy, electrochemistry, radiochemistry, thermal analytical methods, and special topics. (Two 3-hour labs per week.)

**Prerequisites:** CHE 300 and 300L.

**Co-requisite:** CHE 400.

**Course fee:** \$100.

**CHE 449****Chemistry Research  
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 followed by a 3-hour lab.)

**Prerequisites:** CHE 212 and 212L; CHE 400 and 400L.

**Course fee:** \$100.

**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 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 and 212L; 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 and 212L.

**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 and 400L.

**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 and 212L.

**Co-requisite:** BIO 459L

**CHE 459L****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.

**Co-requisite:** CHE 459.

**Course fee:** \$100.

**CHE 469****Biochemistry II Lecture  
3 credit hours**

A continuation of the concepts discussed in CHE 459.

**Prerequisite:** CHE 459.

**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.

**CHE 473****Synthesis  
3 credit hours**

Emphasis on organic reactions and reaction mechanisms, selected heterocyclic chemistry, polymer chemistry, nucleic acid chemistry, chemistry of pesticides, drugs of use and abuse, biogenic amines, biosynthesis, and relevant mechanistic concepts.

**Prerequisites:** CHE 212 and 212L.

**CHE 475****Biochemistry II – Oncological  
3 credit hours**

An introductory study of biochemistry with emphasis on structure and function relationships in molecular biology. Topics include drug design and mechanisms of action, drug classes, chemical oncology, cancer treatment modalities, pain

management, homeopathic medicine, computer analysis in proteomics, cholesterol, membranes, and vitamins. (Highly recommended for all those planning to take the MCAT, PCAT or DCAT.)

**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. Prerequisites: CHE 400 and 400L; CHE 449. Restrictions: Senior standing; chemistry or biomedical chemistry major.

**Course fee:** \$50.

### **CHE 999**

#### **Chemistry Elective**

##### **1-6 credit hours**

Course transferred to apply to an ORU major or minor. (More than one course can be transferred under this number.)

**Restriction:** Approval by petition to department chair.

## **Chinese (CHI)**

### **CHI 101**

#### **Elementary Chinese I**

##### **4 credit hours**

A beginning course in Mandarin Chinese. Covers oral/aural work, vocabulary, grammar, and composition. Covers most activities listed in the ACTFL novice mid competencies. (This course does not count toward the Bachelor of Arts language requirement or a minor in Chinese but can be used for elective credit.)

**Course fee:** \$40.

### **CHI 102**

#### **Elementary Chinese II**

##### **4 credit hours**

Builds on the skills from CHI 101. Includes oral/aural practice and covers additional vocabulary and grammar, including various verb tenses. Covers most activities listed in the ACTFL novice high competencies.

**Prerequisite:** CHI 101 with a grade of "C" or higher.

**Course fee:** \$40.

### **CHI 203**

#### **Intermediate Chinese I**

##### **3 credit hours**

Continued study of Chinese with review of grammar and composition. Includes selected readings in addition to text. Covers most activities listed in the ACTFL intermediate low competencies.

**Prerequisite:** Proficiency examination or CHI 102 with a grade of "C" or higher.

**Course fee:** \$40.

### **CHI 204**

#### **Intermediate Chinese II**

##### **3 credit hours**

An intensive practical conversational workshop. Grammar review, vocabulary expansion, with emphasis on spoken Mandarin Chinese, both oral and aural skills. Includes presentations, videos, and additional means to promote active student participation. Covers most activities listed in the ACTFL intermediate mid-level competencies.

**Prerequisite:** CHI 203 with a grade of "C" or higher.

### **CHI 219**

#### **Travel Studies**

##### **3 credit hours**

A two-week trip to a Chinese-speaking country. Includes an in-depth study of history, geography, and art. Students learn everyday customs and have an opportunity to put grammar principles to practical use. (May substitute for CHI 203).

**Prerequisite:** CHI 102 or demonstrated proficiency.

### **CHI 301**

#### **Chinese 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, such as difficult vowels and consonants, correct usage of 'liaisons,' silent e's, intonations, rhythms, accents, and pauses. Includes speech patterns ranging from versification to slang of different degrees. Covers most activities listed in the ACTFL intermediate high competencies. (Taught in Chinese.)

**Prerequisite:** CHI 204 or equivalent.

### **CHI 302**

#### **Chinese Literature and Composition**

##### **3 credit hours**

A course to develop writing skills using applied stylistic analysis and practical compositional exercises. Covers most activities listed in the ACTFL intermediate high competencies. (Taught in Chinese.)

**Prerequisite:** CHI 204.

### **CHI 305**

#### **Chinese Civilization and Culture**

##### **3 credit hours**

A study of the historical, political, and cultural development of China with emphasis on contemporary aspects. Covers most activities listed in the ACTFL intermediate high competencies. (Taught in Chinese.)

**Prerequisite:** CHI 204 or equivalent.

### **CHI 306**

#### **Business Chinese**

##### **3 credit hours**

A study of Chinese in its application to business, including terminology with respect to office procedures and international marketing. (Taught primarily in Chinese.)

**Prerequisite:** CHI 204.

### **CHI 450**

#### **Internship**

##### **1-3 credit hours**

Systematic and supervised practicum in a Mandarin-speaking community. Application of Chinese oral communication and writing skills. Credit varies, depending on time involved on-site.

**Prerequisite:** CHI 204.

**Restriction:** Permission of the department required.

### **CHI 451**

#### **Special Readings**

##### **1-3 credit hours**

Special readings course in Chinese to cover general or specific areas as determined by the professor to meet the need of the student.

**Restrictions:** Chinese minor, arrangement with professor, and departmental permission.

### **CHI 999**

#### **Chinese Elective**

##### **1-6 credit hours**

Course transferred to apply to an ORU major or minor. (More than one course can be transferred under this number.)

**Restriction:** Approval by petition to department chair.

## **Church Ministries (CHRM)**

### **CHRM 102**

#### **Healing Ministry**

##### **1-3 credit hours**

A study of divine healing in ministry contents from biblical and contemporary contexts, with a focus on praying to receive healing for oneself and the sick.

### **CHRM 107**

#### **Spirit-Empowered Ministry**

##### **3 credit hours**

A study of the Spirit-empowered ministry in biblical, historical and contemporary contexts, with a focus on how church leadership builds ministry teams, align functions, makes team decisions and plans ministry.

### **CHRM 108**

#### **Spirit-Empowered Leadership**

##### **3 credit hours**

A survey of Spirit-empowered leadership for emerging leaders, covering biblical, historical and contemporary exemplars, with a focus on key practices to empower others to achieve extraordinary things.

### **CHRM 203**

#### **Foundational Application 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. (Equivalent Course: CCC 301)

**Prerequisite:** PSY 201

### **CHRM 209**

#### **Spiritual Formation Seminar**

##### **3 Credit hours**

A study and practical application of Christian life and spiritual discipline that lead to such spiritual growth and maturity necessary for effective ministry.

### **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.

**Restriction:** Sophomore standing or above.

### **CHRM 304**

#### **Introduction to Christian Education**

##### **3 credit hours**

A study of the basic principles and practices of organizing, administering, and supervising a balanced program of Bible teaching ministries in the local church. Surveys all of the educational agencies for the various age levels, particularly the Sunday school. (Offered only through distance learning.)

### **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 or BLIT 111) and (BIB 261 or BLIT 122).

### **CHRM 306**

#### **Pastoral Ministry Skills**

##### **3 credit hours**

Training provided in the basic attending skills necessary for lay counseling and pastoral care. (Equivalent Course: CCC 339)

### **CHRM 307**

#### **Urban 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.

**Restriction:** 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.

**Restriction:** Junior or senior standing.

### **CHRM 313**

#### **Prayer Ministry and Caregiver**

##### **3 credit hours**

Study of the purpose of prayer and of the Biblical and traditional patterns of prayer useful in applied pastoral care giving and in the development of the caregiver's personal spiritual life.

### **CHRM 314**

#### **Spiritual Formation: Personal**

##### **3 credit hours**

Deals with the nature of personal spiritual formation, emphasizing the centrality of the caregiver's maintenance of a sound personal spiritual life out of which ministry flows. Gives attention to ways in which caregivers minister to the Body of Christ formationally, especially in assisting persons to develop lives of prayer and formational interaction with scripture overflowing into service to others. (Equivalent Course: CCC 339)

### **CHRM 315**

#### **Spirit-Empowered Pastoral Care**

##### **3 credit hours**

Acquaints students with philosophy, methods, and resources suitable for those in professional or lay ministry, equipping students for application of knowledge and skills to a broad range of pastoral settings.

### **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.

**Restriction:** Sophomore standing or above.

### **CHRM 318**

#### **Global Leadership**

##### **3 credit hours**

Prepares students to understand the field of global leadership studies and orients them toward effective leadership skills for working, managing and leading in a multi-national corporation and in dispersed global teams. The course seeks to develop cultural intelligence in the student for leadership and management in cross-cultural contexts.

### **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.

**Restriction:** Sophomore standing or above.

### **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 306, THE 217, (BIB 222 or BLIT 111) and (BIB 261 or BLIT 122).

**Restriction:** Junior or senior standing.

### **CHRM 351**

#### **Team Ministry**

##### **3 credit Hours**

A study of the role of the vocational church staff team member as leader, teacher, trainer, supervisor, and evaluator in the local church. Also studies the tasks and relationships with the pastor, congregation, and other staff--both paid and volunteer.

**CHRM 395****Intercultural Field Experience****1 credit hour**

A program designed to provide practical intercultural experience in a ministry environment. Students spend a minimum of at least 50 hours on the field under the supervision of competent ministry personnel. Intercultural experience includes societal elements such as language, customs, country of origin, worldview ideas, traditions, values, and religion. The field experience may occur in the USA or in another country.

**CHRM 398****Ministry Practicum****1-3 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.

**Restrictions:** Junior or senior standing; summer or semester just prior to writing senior paper.

**CHRM 402****Discipleship and Small Groups****3 credit hours**

A study of how to develop and direct discipleship and small group programs within the church. Includes small group principles, dynamics, and problems. Also considers the way to develop Christian disciples and gives practical guidelines for implementing discipleship in the church.

**CHRM 422****Spiritual Formation: Community****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. (Equivalent Course: CCC 411)

**CHRM 430****Local Church Outreach****3 credit hours**

Focuses on the practice of evangelism in the local church, exploring what it means for the church to be in missions to the unchurched.

**Restrictions:** 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.

**Restrictions:** Sophomore standing or above.

**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.

**Prerequisite:** CHRM 317.

**Restriction:** Junior or senior standing.

**CHRM 455****Intensive Studies****3 credit hours**

Investigation of selected issues in the practices of ministry. Areas of study vary so that the course may be repeated.

**CHRM 456****Children's Ministry****3 credit hours**

Provides an overview of Christian education for children from birth through the sixth grade including age group characteristics, leadership of various ministries, spiritual development, methods, resources, and current trends.

**CHRM 457****Honors Assistant Practicum****3 credit hours**

A practicum in which the student works one-on-one with an ORU teacher to improve skills in course preparation and administration, time management, tutoring, and communication. The student has opportunities to become involved with professional teaching and/or research on the baccalaureate level in Biblical literature, theology, and church ministries.

**CHRM 460****Church Administration****3 credit hours**

Emphasizes church administration, including organization, programming, aspects of leadership, and the relationship of the church to the denomination and to society. Gives attention to various aspects of the minister's work, including his or her schedule.

**CHRM 499****Senior Paper/Portfolio****3 credit hours**

Designed for seniors who, after completing 150 hours of church-related practicum experience, write a major paper that takes into account their practicum experiences, philosophy of ministry, and a research component that deals with a specialized area of ministry.

**Prerequisites:** THE 217; CHRM 398 or MISS 397.

**CHRM 999****Church Ministries Elective****1-6 credit hours**

Course transferred to apply to an ORU major or minor. (More than one course can be transferred under this number.)

**Restriction:** Approval by petition to department chair.

**Computer Information Technology (CIT)****CIT 216****Project Management****3 credit hours**

Addresses the management of communication, cost, human resource, integration, procurement, quality, risk, scope, and time, as well as a project manager's social and professional responsibilities. Covers how project management proficiency is measured in the areas of initiation, planning, executing, monitoring and controlling, closing, and professional and social responsibility. Also provides an introduction/overview of project software.

**CIT 304****System Analysis/Design****3 credit hours**

An overview of a system's development life cycle. Emphasizes current system documentation through the use of both classical and structured tools/designs, input and output designs, program specifications and a study of structured systems development. Emphasizes strategies and techniques of structured design for producing logical methodologies to deal with complexity in development information systems. Includes in-depth discussion of information gathering and reporting activities of transitioning from analysis to design.

**Prerequisite:** CSC 111 with a grade of "C" or higher.

**CIT 306****Database Development****3 credit hours**

An introduction to the concepts and techniques of structuring data on secondary storage devices. Introduces concepts and

techniques encountered in database systems. Topics include data independence, data modeling techniques, data normalization, data description languages, query languages, design and implementation strategies, security, integrity, and reliability and an in-depth study of SQL. Various data storage implementations such as operational databases, data warehouses, distributed databases, Big Data, NoSQL, etc., will be explored.

**Prerequisite:** CSC 206 with a grade of "C" or higher.

### **CIT 308**

#### **Unix Systems Administration 3 credit hours**

This course is an introduction to the Unix operating system and the management of Unix systems. Unix topics include general operating system functions and principles, file systems and security, text editors, file processing, shell script programming, and Unix commands and utilities.

**Prerequisite:** CSC 206 with a grade of "C" or higher

### **CIT 314**

#### **Programming in the Linux Environment 3 credit hours**

An introduction to Linux operating systems and developing application software in the Linux environment. Linux topics include general operating system functions and principles, file systems and security, text editors, file processing, shell script programming and Linux commands and utilities. Also covers working in a graphical desktop environment such as GNOME. Programming topics include functional syntax and constructs of programming languages used in the Linux environment, structured and object-oriented program design and implementation, including topics such as class design, polymorphism and inheritance. This course requires a functional knowledge of programming and is designed for individuals with previous programming experience in another object-oriented language such as Java.

**Prerequisite:** CSC 206 with a grade of "C" or higher.

### **CIT 352**

#### **Mobile Application Development 3 credit hours**

Application software development and deployment for mobile devices. Covers both Android and iOS platforms.

**Prerequisite:** CSC 206 with a grade of "C" or higher.

### **CIT 354**

#### **Introduction to Game Design and Development 3 credit hours**

This course is designed to educate students on theoretical and conceptual aspects of game design and development. As well as provide hands-on, practical application of these aspects by engaging in the process of game design and development. Principles of game design will be explored as well as the use of iterative design methods to design, develop, construct, and test digital prototypes using a cross-platform game engine.

**Prerequisite:** CSC 206 with a grade of "C" or higher.

### **CIT 402**

#### **Enterprise Development 3 credit hours**

Addresses quality assurance, software development, methodology, and testing. Demonstrates what constitutes professional business principles and practices that encourage free enterprise and advance science and technology innovation. Prerequisite: CSC 206 with a grade of "C" or higher.

### **CIT 428**

#### **Information Systems 3 credit hours**

An introduction to planning, coordinating, directing research, and facilitating computer-related activities. Examines activities associated with installing and upgrading hardware and software, programming and systems design, development of computer networks, and implementing Internet and Intranet sites. Includes upkeep, maintenance, and security of networks. Students analyze computer and information needs of organizations from an operational and strategic perspective.

**Prerequisite:** CSC 206 with a grade of "C" or higher.

### **CIT 441**

#### **Network Administration 3 credit hours**

A study of networks and their administration. Networking concepts, protocols, and architectures will be studied, as well as software and hardware that enable data communication. Explores the planning, installation, configuration, administration, troubleshooting, and securing of networks.

**Prerequisites:** CIT 428

### **CIT 442**

#### **Information System Security 3 credit hours**

An overview of information system security to include managing security, protecting information technology assets, of attacking and of guarding against attacks and failures in various types of information systems. Includes computer, network, and data protection technologies (e.g., firewalls, packet filters, proxy servers, user authentication and validation techniques, encryption, backup methodologies, and system and component redundancies. Examines various threats and attack methods (e.g., hackers, crackers, viruses, worms, sniffers, identity spoofs, and hardware vulnerabilities).

**Prerequisite:** CSC 111 with a grade of "C" or higher.

### **CIT 450**

#### **Computer 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. (Can be taken twice for credit.) (Not counted toward a minor in computer information technology.) (Equivalent Course: CSC 450.)

### **CIT 454**

#### **Special Topics in Computer Information Technology 3 credit hours**

Selected topics covered in the core curriculum considered in response to student interest and need. Information technology is a rapidly evolving field and career. This course exposes students to new technologies as they are introduced into the profession. Each course will have its own specific description and objectives. (Can be taken more than once if subject matter is different).

**Restriction:** Permission from instructor.

### **CIT 498**

#### **Senior Paper/Project Preparation 1 credit hour**

Assists students in preparing for the senior paper/project and in completing their Whole Person Assessment artifacts. (Equivalent Course: CSC 498.)

### **CIT 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. (Equivalent Course: CSC 499)

Prerequisite: CIT 498 with a grade of "C" or higher.

### **CIT 999**

#### **Computer Information Technology Elective**

#### **1-6 credit hours**

Course transferred to apply to an ORU major or minor. (More than one course can be transferred under this number.)

**Restriction:** Approval by petition to department chair.

## **Criminal Justice (CJS)**

### **CJS 201**

#### **Introduction to Criminal Justice**

#### **3 credit hours**

An introduction and overview of the major components of the criminal justice system such as the legal system, the participants, law enforcement, the courts and correction, including historical and social perspectives. Students also study the role and functions of various agencies and the processes involved in the administration of justice.

### **CJS 220**

#### **Criminology**

#### **3 credit hours**

A study of the causes of criminal behavior and the theoretical interpretations of such behavior. Students are introduced to criminological methods of inquiry and review several different classifications of crime with an emphasis on social foundations, police, courts, law, prisons, theories of punishment, theories of causation, and efforts in prevention. Students also consider the public policy implications of various approaches to criminology.

**Equivalent Course:** SOC 220

### **CJS 230**

#### **Police and Policing**

#### **3 credit hours**

An overview of policing theories and practices used in United States law enforcement systems. Students survey the basics of police functions, from individual and organizational roles to the issues faced on a daily basis. They also examine the procedures and methods of operation of police and critical issues in law enforcement.

### **CJS 301**

#### **Criminal Procedure**

### **3 credit hours**

An exploration of the basic core knowledge of constitutional criminal procedure. Emphasis is placed on the Fourth, Fifth, and Sixth Amendments, arrests, searches and seizures, interrogations and confessions, identifications, and pretrial and trial processes. In addition, the United States Constitution, as interpreted by the U.S. Supreme Court, is examined along with philosophical policy considerations.

### **CJS 305**

#### **Corrections**

#### **3 credit hours**

A study of the various components of the corrections system within the criminal justice system. Students address an overview of corrections, including corrections history, the persons, agencies, and organizations that manage convicted offenders. Other topics that are covered include policy and procedure, sentencing, probation, and rehabilitations of prisoners.

### **CJS 310**

#### **Juvenile Justice**

#### **3 credit hours**

A survey of the field of juvenile justice, including an overview of the juvenile justice system and the differences between dependency and delinquency. Students address current problems facing juveniles, and compare adult and juvenile justice systems. Special attention is given to the problems inherent in the police handling of juveniles, the function of juvenile courts and other juvenile justice agencies, sentencing, and future juvenile justice system issues.

### **CJS 329**

#### **Criminal Law**

#### **3 credit hours**

An introductory course in the study of criminal law, general legal principles, and how the criminal law functions in and affects modern society. This course highlights a variety of key topics, including the concept of crime and the development of criminal law, defenses to criminal charges, and a number of specific types of crimes, including personal crimes, property crimes, public order crimes, and offenses against public morality. Legal issues affecting punishment will be discussed, criminal liability and defenses will be addressed, as well as ways that criminal law impacts victims of crime.

### **CJS 340**

#### **Diversity and Ethical Dilemmas**

#### **3 credit hours**

A comprehensive, critical and balanced examination of the issues of crime and justice with respect to race and ethnicity.

Students explore the standards and codes of professional responsibility in criminal justice professions. They also addresses ethical issues related to professional organizations and agencies, community relations, criminal justice laws, procedures and policy in a pluralistic and multicultural society as examined relative to law enforcement, courts, and corrections environments.

### **CJS 402**

#### **Research Methods**

#### **3 credit hours**

An introduction to basic research theory and methodology that contributes to a professional sociology, social work, or criminal justice knowledge base and the maintenance of quality practice standards and service delivery. Helps supply the research content in the sociology, social work, or criminal justice professional degree plan. Topics include problem development, research & culture, quantitative and qualitative research methodologies, analysis of data with SPSS, moral and ethical standards, single case studies, and program evaluation. Students use this as a potential foundation for senior research by developing a formal research proposal that may be implemented in the senior year. (Equivalent Course: SOC 302 and SWK 302)

**Prerequisite:** (SOC 101 or SWK 202 or CJS 220) and MAT 232

### **CJS 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. (Equivalent Course: PSY 450, SWK 450, and SWK 450)

### **CJS 461**

#### **Honors Research**

#### **1-3 credit hours**

Designed for the honor student who wishes to pursue individual research on a specific problem. The student under faculty supervision typically puts together a specialized learning opportunity with learning objectives and implementation procedures for the focus selected. (Equivalent Course: PSY 461, SOC 461, and SWK 461)

### **CJS 499**

#### **Senior Praxis**

#### **3 credit hours**

A capstone course for the criminal justice undergraduate degree program provides students with an integration of acquired knowledge of theory to practical

applications. Particular attention is given to integrating core content of criminal justice issues with specialized content from students selected concentration. Students will assess the impact of their educational experiences on their professional competence and values, critical thinking and problem solving, communication, information utilization, and collaboration skills.

## 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.

**Restriction:** Senior standing in CMPE or EE or instructor's permission.

**Course fee:** \$55.

### **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.

**Co-requisite:** CMPE 340L.

### **CMPE 340L**

#### **Digital Systems Design Laboratory 1 credit hour**

Analysis and design of combinational and sequential digital systems. Computer simulation of digital circuits. Digital bread boarding debugging techniques, and application of software tools in design.

**Co-requisite:** CMPE 340.

**Course fee:** \$55.

### **CMPE 441**

#### **Microprocessor Systems Design 3 credit hours**

Introduction to Intel-8085 and ARM microprocessors, their architecture, instructions, and assembly-level language programming techniques. Interfaces Intel-8085 with peripheral devices, study, and use of Intel-8085 (ARM) cross-assembler and simulator. Incorporates lab experience in the course.

**Prerequisites:** CMPE 340 and 340L.

**Course fee:** \$55.

### **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. Restriction: Junior or senior standing or permission from instructor.

**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.

**Restriction:** Permission from instructor or approval of department chair.

### **CMPE 999**

#### **Computer Engineering Elective 1-6 credit hours**

Course transferred to apply to an ORU major or minor. (More than one course can be transferred under this number.)

Restriction: Approval by petition to department chair.

## Communication (COM)

### **COM 101**

#### **Oral Communication 3 credit hours**

An investigation of basic principles of communication and their application to intrapersonal, interpersonal, small group, and public communication. (Honors sections are available for this course.)

**Course fee:** \$5.

### **COM 102**

#### **Voice, Diction, and Phonetics 3 credit hours**

The study of voice production and phonetics. Topics include the purpose of vocal production, the characteristics of good speech, the identification, evaluation, and correction of improper speech techniques, and the individual analysis of and drill to correct inadequacies of vocal production and vocal variety. Involves exercises and activities to correct specific vocal problems, learning the International Phonetic Alphabet (IPA) to enable precise

and improved articulation, and classroom transcription activities using IPA, combined with the phonetic analysis of each sound and the study of pronunciation standards.

**Course fee:** \$20

### **COM 110**

#### **Teaching Communications Arts 0.5 - 3 credit hours**

An investigation of and practice with specific methods in teaching secondary students teaching speech, drama, debate, and related subject areas. (Course is taken six times.)

### **COM 202**

#### **Competitive Speaking 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 251**

#### **Communication 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 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.

### **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 expands the students' world perspective through examination of print editorials, Sunday news programs, and pundit news programs.

**Prerequisite:** COM 101.

### **COM 315**

#### **Forensics, Debate and Tournament Directing 3 Credit Hours**

Covers how to prepare students to teach forensics, organize a school forensics squad, and teach presentation skills at a secondary level in competitions (e.g. prose and poetry reading, oratory, extemporaneous speaking, dramatic duo, communication analysis, dramatic and humorous presentations, and readers' theatre). Includes training for and participation in campus and intercollegiate forensics/debate activities.

**Prerequisite:** COM 309.

### **COM 322**

#### **Interviewing 3 credit hours**

The theory and practice of developing interviewing skills appropriate to a broad range of situations. Emphasis is on the interview as a communication process, a tool for management of communication effectiveness, a means of collecting and disseminating information by means of the media, and a strategy for research.

**Prerequisite:** COM 101.

### **COM 342**

#### **Communication Theory 3 credit hours**

A study of theories of communication, including intrapersonal, interpersonal, organizational, mass communication, nonverbal, and rhetorical. Encourages application of these theories to the present day situation so that students gain a greater understanding of all areas of communication and how each theory influences their lives.

**Prerequisite:** COM 101 or consent of instructor.

### **COM 400**

#### **Debate and Forensics Team**

##### **1-3 credit hours**

Focuses on researching and creating debate plans and/or forensic scripts for intercollegiate competition. Includes extensive research in preparation for creating cross-examination debate plans, Lincoln/Douglas debate plans, extemporaneous speaking. Students also compete within the class to earn the right to represent the university in CEDA, NDA, and AFA tournaments. (This course can be taken multiple times for credit.)

### **COM 401**

#### **Communication Ethics 3 credit hours**

An overview of foundational ethical systems and applications of those to a variety of professional settings and personal communication contexts are addressed. The course interweaves theory and practice of communication through ethical guidelines for personal, professional, and public decision making and behavior. (Equivalent Course: GEN 401)

**Prerequisite:** COM 101

### **COM 409**

#### **Gender and Family 3 credit hours**

An examination of interpersonal and intrapersonal communication theories in light of current societal and historical Biblical considerations concerning gender and family relationships. Allows for an integration of theory and practicality in the communication process with special attention to the Christian responsibility of both the male and female and their roles in the family. Compares current research concerning the communication changes taking place in society today.

**Prerequisite:** COM 101.

### **COM 410**

#### **Conference Leadership/Event Planning 3 credit hours**

A study of the theory and practice of group dynamics and the use of small groups in the processes of information-seeking and problem-solving. Includes examination of

leadership styles. Students organize conferences and present seminars.

**Prerequisite:** COM 101.

### **COM 412**

#### **Training and Development 3 credit hours**

A theoretical and practical study of various training techniques, the field of training, how training is used in industry today, and the elements that constitute successful training in the development of successful organizations.

**Course fee:** \$10.

### **COM 425**

#### **Intercultural Communication 3 credit hours**

A study of the processes involved in communicating with individuals from other cultural backgrounds. The emphasis is on developing, maintaining, and strengthening interpersonal relationships with people with various cultural backgrounds and using cultural knowledge to succeed in a globalized workplace.

**Prerequisite:** COM 101.

### **COM 444**

#### **Advanced Interpersonal Communication 3 credit hours**

An examination of conflict reduction, listening, nonverbal communication, proxemics, self-disclosure, self-esteem, and other facets of interpersonal communication from a theoretical approach.

**Prerequisites:** COM 101 and 203.

### **COM 446**

#### **Business and Professional Speech 3 credit hours**

A study of the most common communications necessary for the contemporary professional--including presentations, meetings, performance appraisals, and employment interviews. Focuses on communicating in the boardroom, staff meeting, or consultation arena. Students develop presentation skills by participating in a service-learning project through Junior Achievement of Oklahoma, and they also develop numerous self-marketing tools such as resumes, cover letters, and interviewing portfolio, and a Linked-In profile.

**Prerequisites:** COM 101, 300, and 302.

### **COM 498**

#### **Senior Paper Preparation 1 credit hour**

Discussion and exploration of possible topics and a review of research techniques and methods.

**Restrictions:** Must be within three semesters of graduation; approval of instructor and departmental mentor.

### **COM 499**

#### **Research and Senior Paper/Project 2-3 credit hours**

Specialized research culminating in a senior paper and/ or other approved project. Prerequisite: COM 498.

**Restrictions:** Senior standing and consent of department chair.

### **COM 999**

#### **Communication Elective 1-6 credit hours**

Course transferred to apply to an ORU major or minor. (More than one course can be transferred under this number.)

**Restriction:** Approval by petition to department chair.

## **Composition (COMP)**

### **COMP 099**

#### **Preparation for Composition I 3 credit hours**

This course provides fundamental prescriptive grammar instruction with a communicative approach in a self-directed format. Students sharpen their skills in the following areas: punctuation, mechanics, spelling, sentence formation, and language usage. Students learn from their own mistakes, while improving their writing skills. Through the use of an online program that provides feedback, the student is provided with numerous opportunities to apply newly learned writing skills to various writing activities. The course also provides writing practice, with feedback from the instructor. (This course increases the number of hours in a degree program by three credit hours.)

Prerequisite or co-requisite: READ 099 or TOEFL score of 500.

\*Students must receive a "C" or higher to continue to COMP 101.

\*Students can take COMP 099 up to 3 times if needed.

\*This course is NOT designed to prepare students for the TOEFL exam.

### **COMP 101**

#### **Composition I 3 credit hours**

Focuses on writing in response to readings in the humanities and on organization of essay writing, such as narration, description, illustration, and argumentation. Includes review of grammar and mechanics. Requires 24 hours of tutoring (two hours per week) in the Writing Center with an assigned tutor. (must receive a "C" or higher to continue in COMP 102.

**Prerequisite:** SAT Verbal score 490 or lower or ACT composite score of 21 or lower.

**Course fee:** \$30

### **COMP 102**

#### **Composition II 3 credit hours**

Writing based on selected readings (essay, nonfiction, poetry, and short story), summary and paraphrase, and at least five formal essays including synthesis, analysis, and critique. Emphasizes analytical thinking, critical reading, and ethical incorporation of sources. Includes a five to eight page research paper. Students participate in peer review and revisions. (This is the first of two reading and writing courses required in the general education curriculum. Honors sections are available for this course and are required for Honors Program Scholars and for students with high ACT or SAT scores.)

**Prerequisite:** SAT Verbal score of 500-630 on traditional version; ACT English score of 22-27; TOEFL score of at least 550 on the written exam, completion of COMP 101 with at least a "C"; or 70% on ORU placement exam (available only for students without scores or COMP 101 grades). Prerequisite for COMP 102 Honors: SAT verbal score of at least 640 on traditional versions or ACT English score of at least 28.

### **COMP 303**

#### **Critical Reading and Writing 3 credit hours**

An advanced writing course emphasizing writing skills such as analysis, synthesis, and critique. Uses representative readings from a variety of fields with an emphasis on the literary arts. Exercises include critical reading, reasoning skills, and writing in response to a variety of readings, as well as writing assignments that incorporate summary, paraphrase, quotation, practice in argument and persuasion. (This is the second of two composition and reading courses required in the general education curriculum. Honors sections are available for this course.)

**Prerequisites:** COMP 102 or equivalent.

**Restriction:** At least junior standing for spring and summer sections and senior standing for fall sections.

## **Computer Science (CSC)**

### **CSC 100**

#### **Computing and Mathematics Seminar .5 credit hour**

A discussion of current topics and practical aspects of computing and mathematics. (All computing and mathematics majors are required to enroll in this course every semester.)

### **CSC 101**

#### **Computer Concepts 3 credit hours**

A general overview of competing ideas that provides an understanding of computers, computer technology, computer hardware and software, and how computers are used to produce meaningful and useful information. (Does not count toward a major or minor in computer science.)

### **CSC 111**

#### **Introduction to Computing 3 credit hours**

An introduction to the art of programming, including such concepts as data representation, algorithm design, structured programming, step-wise refinement, programming style, testing, debugging, and program documentation. An integral part of this course includes experience in the design and implementation of computer programs.

### **CSC 112**

#### **Microcomputer Applications in Business 3 credit hours**

An introduction to commercially available software packages commonly used in business environments. Representative packages include word processors, spreadsheets, and data bases. Provides a foundation for computer applications encountered in upper-level business courses. (Does not count toward a major or minor in computer information technology.)

### **CSC 201**

#### **Introduction to Data Science 3 credit hours**

An introduction to data science, including acquiring, cleaning, analyzing, modeling, and visualizing data. The course will use real-world data and case studies from sports and business analytics to bio and cheminformatics.

**Prerequisite:** MAT 232 or MAT 325 with a grade of "C" or higher

### **CSC 206**

#### **Intermediate Programming 3 credit hours**

An intermediate introduction to the art of object-based programming. Includes such concepts as advanced structured and object-oriented programming structure, programming styles, testing, debugging, and documentation. Emphasizes experience in the design and implementation of advanced computer programming techniques and applications.

**Prerequisite:** CSC 111 or EGR 252 with a grade of "C" or higher.

**CSC 212****Computing Ethics****3 credit hours**

This course covers the challenges of rapid technology advancement that impacts and changes society and the role of the developer in shaping the potential changes. This course provides the student with opportunities to demonstrate mastery of being able to "Recognize professional responsibilities and make informed judgments in computing practice based on legal and ethical principles".

**CSC 231****Computers and Programming****3 credit hours**

A study of computer structure, machine language, instruction execution, addressing techniques, digital representation of data, computer systems organization, logic design, microprogramming, interpreters, symbolic coding, assembler language, macros, program segmentation and linkage, systems and utility programs, and programming techniques. Assigns computer projects to illustrate basic machine structure and programming techniques in assembler language throughout the course.

**CSC 255****Data Structures****3 credit hours**

A study of the design of structures for representing information and the design of algorithms for manipulating that information. Expertise in the design of structures is developed through consideration of abstract structures and implementation techniques and implementing various structures in specific programming languages. Develops expertise in the design of algorithms by solving problems, including searching and sorting. Programming projects throughout the course provide a synthesis experience in which the student designs data structures and algorithms to solve a given problem.  
**Prerequisite:** CSC 206 with a grade of "C" or higher.

**CSC 321****Data Communication****3 credit hours**

The study of concepts of data communication, network design, and distributed information systems.  
**Prerequisite:** CSC 255 with a grade of "C" or higher.

**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 206 with a grade of "C" or higher.

**CSC 351****Design of Operating Systems****3 credit hours**

Covers the core topics of operating systems including: history of operating systems, operating systems objectives, operating systems internals, all leading up to an extensive engagement on the design of operating systems. This course will provide significant exposure to operating systems. This course provides developmental opportunities for the student to "apply computer science theory and software development fundamentals to produce computing-based solutions."

**Prerequisite:** CSC 255 with a grade of "C" or higher

**CSC 356****Design and Analysis of Algorithms****3 credit hours**

This course will introduce the formal framework to facilitate the design and analysis of algorithms. A variety of classical algorithms will be reviewed, including their structure and performance characteristics. The means to analyze the algorithms is introduced which will allow them to be classified into classes where the relative "goodness" of the classes can be compared with respect to run time and space consumption. This class also includes a study of algorithm methodologies, such as divide-and-conquer, randomized algorithms, sorting, searching, and selection. This class provides opportunities for the students to grow their understanding of algorithms and complexity.

**Prerequisite:** (MAT 207 with a grade of "C" or higher or MAT 208 with a grade of "C" or higher) and CSC 255 with a grade of "C" or higher.

**CSC 411****Software Engineering****3 credit hours**

This course will introduce formal Software Engineering methodologies and processes that are generally expected to be found in industry. This course is designed to provide the student the means to demonstrate mastery of software development processes and to "Function effectively as a member or leader of a team engaged in activities associated" with the practice of software engineering.

**Prerequisite:** CSC 206 with a grade of "C" or higher.

**CSC 444****Introduction to Distributed Computing Systems****3 credit hours**

This course covers the core topics of distributed computing systems; those that make up traditional von Neumann computing elements (servers) connected to each other via a communication/network system that facilitates the servers to interact with each other. This course is expected to be a gateway to future courses in concurrent/parallel applications design.

**Prerequisite:** CSC 206 with a grade of "C" or higher.

**CSC 450****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 or Computer Information Technology. Equivalent Course: CIT 450.)

**CSC 453****Compiler Design****3 credit hours**

This course provides substantial coverage of algorithms and complexity, computer science theory, concepts of programming languages, and software development, all in the context of developing compiler technology.

**Prerequisite:** CSC 255 with a grade of "C" or higher

**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.)

**Restriction:** Permission from instructor.

**CSC 456****Advanced Algorithms****3 credit hours**

This course introduces advanced algorithm design and analysis techniques, including dynamic programming, greedy algorithms, amortized analysis, graphs, multi-threaded

algorithms, and string matching. It also introduces computational geometry, and approximation algorithms. This course, along with CSC 356, provides the student with "Substantial coverage of algorithms and complexity".

**Prerequisite:** CSC 356 with a grade of "C" or higher

### **CSC 461**

#### **Data Mining and Machine Learning 3 credit hours**

This course will provide students with a thorough grounding in the methods, theory, and practice of data mining and machine learning. The course covers topics from classical statistics and linear regression analysis to advanced machine learning techniques. (Equivalent Course: GBUS 561)

**Prerequisite:** CSC 201 with a grade of "C" or higher.

### **CSC 462**

#### **Big Data and High Performance Computing 3 credit hours**

This course the methods and systems to develop High Performance Computing (HPC) based applications and Big Data (BD) analytics solutions. The target runtime environment HPC and BD solutions is a computer and data cluster comprised of a few nodes to many nodes, what is commonly referred to as a supercomputer. The supercomputer environment requires understanding of several levels of parallelism and concurrency as well as distributed and parallel data storage and operations. The problem domain for this course is for data and/or compute challenges that greatly exceed the capabilities of general enterprise-class servers. (Equivalent Course: GBUS 562)

**Prerequisite:** CSC 444 with a grade of "C" or higher.

### **CSC 463**

#### **Artificial Intelligence 3 credit hours**

This course will provide students with a practical foundation in artificial intelligence (AI) and its applications, equipping students with the knowledge and confidence they need to lead their organization into an innovative, efficient, and sustainable company of the future.

**Prerequisite:** CSC 201 with a grade of "C" or higher.

### **CSC 470**

#### **Automata and Complexity Theory 3 credit hours**

This course will introduce the student to theoretical Computer Science building blocks. The very essence of whether

something is computable is presented. Fascinating topics include the concepts of intractability, decidability and reducibility are covered along with how they apply to the Computer Scientist's work. The course will also introduce concepts and methods to determine complexity in, both, the sense of time and space. This course is design to provide the student with "substantial coverage of computer science theory".

**Prerequisite:** CSC 356 with a grade of "C" or higher

### **CSC 498**

#### **Senior Project I 3 credit hours**

Assists students in preparing for the senior paper/project.

### **CSC 499**

#### **Senior Project II 3 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 498 with a grade of "C" or higher.

**Restriction:** Permission of the department

### **CSC 999**

#### **Computer Science Elective 1-6 credit hours**

Course transferred to apply to an ORU major or minor. (More than one course can be transferred under this number.)

**Restriction:** Approval by petition to department chair.

## **Dance Performance (DANP)**

### **DANP 090**

#### **Dance Mid-Year Evaluation 0 credit hours**

Required evaluation of the dance performance major to determine the progress of the student in attitude, health & wellness, technique, improv/choreography, dance academics, leadership and progress towards their degree. In addition, students will discuss goals with faculty. Evaluations are mandatory in order to progress to the next semester as a dance performance major.

**Restriction:** Permission of the department.

### **DANP 100**

#### **Beginning Ballet 1-2 credit hours**

A study of beginning classical ballet techniques with emphasis on developing a foundation in body alignment, vocabulary, technique, and artistry. (This class is designed for two semesters.)

**Restriction:** 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.)

**Restriction:** 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.)

**Restriction:** Permission of the department.

### **DANP 103**

#### **Ballet I 1-2 credit hours**

A study of elementary classical ballet techniques with emphasis on developing a foundation in body alignment, vocabulary, technique, and artistry. (This class is designed for two semesters.)

**Restriction:** Permission of the department.

### **DANP 104**

#### **Modern Dance I 1-2 credit hours**

A study of elementary modern dance technique with an emphasis on developing a foundation in body alignment, vocabulary, technique, and artistry. (This class is designed for two semesters.)

**Restriction:** Permission of the department.

### **DANP 105**

#### **Related Dance Forms I 1 credit hour**

A study of elementary dance forms other than ballet and modern dance technique. May include tap, pointe, hip-hop, jazz, variations, pas de deux, world dance, among others. (This class is designed for two semesters.)

**Restriction:** 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.

**Restriction:** Permission of the department.

### **DANP 107**

#### **Improvisation I 1 credit hour**

A class of movement exploration that involves elements of movement, use of props, solo and group work, creative problem solving, and individual creation of movement.

**Restriction:** Permission of the department.

### **DANP 108**

#### **Improvisation II**

##### **1 credit hour**

Explores partnering, contact improvisation, improvisation as a creative tool for choreography, and performance improvisation.

**Prerequisite:** DANP 107

**Restriction:** 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.

**Restriction:** Permission of the department.

**Course fee:** \$10.

### **DANP 125**

#### **History of Dance I**

##### **3 credit hours**

A history and philosophy of dance up to the twentieth century and an introduction to dance as a career.

**Restriction:** Permission of the department.

### **DANP 203**

#### **Ballet II**

##### **1-2 credit hours**

A study of intermediate classical ballet techniques with emphasis on developing a foundation in body alignment, vocabulary, technique, and artistry. (This class is designed for two semesters.)

**Prerequisite:** DANP 100.

### **DANP 204**

#### **Modern Dance II**

##### **1-2 credit hours**

A study of intermediate modern dance technique with an emphasis on developing a foundation in body alignment, vocabulary, technique, and artistry. (This class is designed for two semesters.)

**Restriction:** 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.)

**Restriction:** 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.

**Restriction:** 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.)

**Restriction:** 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.)

**Prerequisite:** 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.)

**Restriction:** 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.)

**Restriction:** Permission of the department.

### **DANP 307**

#### **Intermediate Choreography**

##### **2 credit hours**

An intermediate study of choreography exploring small group composition.

**Prerequisite:** 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.

**Restriction:** 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.)

**Prerequisite:** 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.)

**Restriction:** Permission of the department.

### **DANP 406**

#### **Pedagogy I: Dance Techniques for Children**

##### **2 credit hours**

Focuses on dance education theories and teaching methodologies for children, using National Dance Standards for Dance Education. Includes teaching practicum.

**Restriction:** Permission of the department.

### **DANP 407**

#### **Advanced Choreography**

##### **2 credit hours**

An advanced study of choreography exploring large group composition.

**Prerequisite:** DANP 307.

**Restriction:** Permission of the department.

### **DANP 420**

#### **Performing Arts Management**

##### **3 credit hours**

An overview of studio management, non-profit organizations, grant and proposal writing, concert production, and touring.

**Restriction:** Permission of the department.

### **DANP 426**

#### **Pedagogy II: Dance Techniques for Secondary Education**

##### **2 credit hours**

Focuses on dance education theories and teaching methodologies for secondary school, using National Dance Standards for Dance Education. Includes teaching practicum.

**Restriction:** Permission of the department.

### **DANP 490**

#### **Senior Performance**

##### **3 credit hours**

Designed for senior dance performance majors to demonstrate their strongest areas of interest including performance,

choreography, teaching, studio management, dance ministry, arts education, arts integration, or performance/tour management.

**Restriction:** Senior standing only

### **DANP 999**

#### **Dance Elective**

#### **1-6 credit hours**

Course transferred to apply to an ORU major or minor. (More than one course can be transferred under this number.)

**Restriction:** Approval by petition to department chair.

## **Digital Communication (DCM)**

### **DCM 100**

#### **Digital Society**

#### **3 credit hours**

Incorporates a survey approach to digital phenomena and its influence on society. Current digital topics are examined through cultural, economic, and ethical lenses, e.g., data typology, social networking, digital citizenship, cybercrime, privacy, mobile culture, online consumerism and digital activism. Students explore digital media effects, cybernetics and online communication through an ethnographic self-study.

### **DCM 101**

#### **Digital Composition**

#### **3 credit hours**

Students are introduced to a practice using skills and tools in digital media. The course includes an introduction to graphic design software using adobe's Creative Cloud, and covers a range of concepts including bits, pixels, vectors, paths and resolution for 2-D platforms. The course includes a study in typography and photographic images to visually create communication solutions.

### **DCM 107**

#### **Digital Newswriting**

#### **3 credit hours**

Students gather and evaluate information to craft stories for online audiences. This course teaches the core skills of news judgment, news writing, basic reporting, editing and feature writing. Students are introduced to media law, First Amendment and ethics. Emphasis is on basic news reporting and writing skills necessary to write/report in media-centered careers, with introduction to AP Style rules and form articulated, and assessed in regular AP style quizzes.

### **DCM 130**

#### **Digital Photography**

#### **3 credit hours**

This course introduces basic photographic procedures using DSLR (Digital Single Lens Reflex) cameras and available light. Skills include use of the camera to control mode, ISO, white balance, focus, exposure, framing and other parameters. Uses a photo-journalistic approach (e.g., storytelling through imaging). The students final project demonstrates technical knowledge and visual communication competency.

**Prerequisite:** DCM 101

### **DCM 140**

#### **Digital Storytelling**

#### **3 credit hours**

Introduces students to content creation as story, including essential must-haves in character development, plot, emotion and structure. Students will create visual, sensory-driven media and distribute content across media platforms. Storytelling is considered in teaching/training, advertising/promotion, product development and other arenas, intersecting students' exploration into career fields.

**Prerequisite:** DCM 101

### **DCM 200**

#### **Web Design**

#### **3 credit hours**

This course introduces students to web-based technology, aesthetic design, formatting and function. Assignments assess students' technical knowledge and competency across HTML, CSS, Javascript, link-building and content management systems like WordPress.

**Prerequisite:** DCM 101

### **DCM 205**

#### **Cross-Platform Writing**

#### **3 credit hours**

Introduces the student to writing, editing and search strategies across online platforms e.g., web content, online catalog, social media, email, direct-response, and online news. The course enhances students' knowledge of AP Style rules and form articulated in regular AP Style quizzes.

**Prerequisite:** DCM 107

### **DCM 320**

#### **Communication Research**

#### **3 credit hours**

Students are introduced to marketing, advertising and public relations research methods including online survey research, competitive intelligence and content analyses. Research requires hands-on learning and use of digital tools. Students complete a team-based research project and write a research report.

**Prerequisite:** MKT 130

### **DCM 321**

#### **Media Law and Ethics**

### **3 credit hours**

This course serves as a historical examination of legal casework involving freedom of press, freedom of speech, commercial speech, libel, defamation, privacy, obscenity, and intellectual property. Emphasis is placed on new case precedents in social media and other online environments.

**Prerequisite:** DCM 107

### **DCM 327**

#### **Social Media Management**

#### **3 credit hours**

This course integrates communication theory, topics and industry practice to research, plan, execute and evaluate social media campaigns. The course enhances students' skills using current social media platforms. Students learn how to assess existing content, develop content and build a social media plan for an organization. Students may earn external social media certification.

**Prerequisite:** DCM 205

### **DCM 421**

#### **Media Markets**

#### **3 credit hours**

Students learn strategic media planning and buying in marketing and advertising campaign decisions. Covers audience research as well as selection, evaluation and planning of advertising. Major focus is on digital media, including native advertising, search engine optimization/marketing, keyword campaigns and metrics. Students will complete web analytics training and certification.

**Prerequisite:** MKT 130

### **DCM 498**

#### **Capstone Preparation**

#### **1 credit hour**

Specialized research toward a senior paper with a digital marketing or digital media emphasis.

**Restrictions:** Senior standing only.

### **DCM 499**

#### **Capstone Project**

#### **2 credit hours**

Capstone work completed in a senior project with a digital marketing or digital media emphasis.

**Restrictions:** Senior standing only.

**Prerequisite:** DCM 498

## **Doctor of Ministry (DMIN)**

### **DMIN 711**

#### **Ministerial Identity and Personal Assessment**

#### **3 credit hours**

Designed to help the student examine the role(s) of the minister, develop a profile of personal ministerial style, and articulate a description of his or her ministerial identity. Leads students into the development of personal goals for the doctor of ministry degree experience.

### **DMIN 719**

#### **Holy Spirit and Healing**

##### **3 credit hours**

Guides the student in a comprehensive study of two distinctives of ORU; the Holy Spirit and Healing. Examines the theological, historical, and practical dimensions of these topics. Examines various models and contexts for healing. Assists the student in formulating and enunciating a personal theology of charismatic ministry.

### **DMIN 722**

#### **Theology of Moral Injury**

##### **3 credit hours**

Addresses the theological and spiritual challenges that contribute to and result from moral injuries, including the process of meaning-making by which various theological frameworks seek to conceptualize these experiences, as well as what developmental models can contribute, especially in relation to the ongoing process of spiritual formation.

### **DMIN 723**

#### **Assessing Moral Injury**

##### **3 credit hours**

Discusses the signs and symptoms of moral injury, including etiology, epidemiology, course, and differential diagnosis with special emphasis on ethical and effective means of assessment.

### **DMIN 724**

#### **Treating Moral Injury**

##### **3 credit hours**

Explores various treatment options for moral injury with an emphasis on evidence-based approaches and specially, the ethical integration of spirituality into the process.

### **DMIN 726**

#### **Theological Reflection in the Ministry Context**

##### **3 credit hours**

Examines how the Bible, church history, and cultural setting inform critical reflection on ministry issues. Emphasizes the discernment of the Holy Spirit at work in and speaking through these theological components, Develops theological reflection on contemporary issues in light of these foundations. Provides structure for chapter two of the Applied Research Project.

### **DMIN 727**

#### **Moral Injury Co-Morbidities and Systematic Concerns**

##### **3 credit hours**

Examines the additional complications that moral injury often invites including mental health diagnoses, addictive behaviors, relationship issues, and other contextual challenges, with a special emphasis on how to address these concerns.

### **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 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. Explores communication as minister in a Googled world and as church theologians.

### **DMIN 737**

#### **Leadership Theory and Practice for the Church**

##### **3 credit hours**

Guides students in the study of leadership in the Bible for application in contemporary ministry leadership contexts. Examines current leadership theories and their potential relevance for today's ministry leader. Discusses the facilitation of personal and church leadership development.

### **DMIN 740**

#### **Clinical Pastoral Education**

##### **3 credit hours**

An onsite clinical experience in which students work with clergy, pastoral

counselors, or chaplains from various denominations. Incorporates a highly supervised process of ministering to people in clinical settings. (May be completed at any certified clinical pastoral education site with appropriate supervision.)

### **DMIN 749**

#### **Directed Study**

##### **3 credit hours**

Research and writing under the supervision of a faculty member. Topics need to be related to subject matter in the academic D.Min. curriculum and approved by the professor, advisor, and academic dean. Restriction: Approval of instructor and dean.

### **DMIN 753**

#### **Advanced Workshop in Addictive Behaviors**

##### **3 credit hours**

A workshop that uses the case study method to present students with vignettes that demonstrate differing addictive disorders. Students learn to make assessments, assess risks, and guide people through the change process. Includes an orientation to the 12-step methodology.

### **DMIN 761**

#### **Pastoral Care for Spiritual Formation and Healing**

##### **3 credit hours**

Acquaints students with various models of spiritual formation and strategies for facilitating that development. Special attention is given to the framework of systems theory and the concept of second order change. Creating an environment conducive for spiritual formation and recognizing growth opportunities inherent in crises is emphasized. Class material is presented within the context of a Pentecostal/charismatic theology, with a focus on the major theme of Scripture--redemption.

### **DMIN 787**

#### **Methods of Ministry Research**

##### **3 credits hours**

An opportunity for students to offer reports of progress on applied research projects to peers and supervisors. The group is encouraged to critique the proposed research design and offer suggestions for improvement. Includes additional instruction in research design, gathering and treating data, and writing the final report. Orients students to Doctor of Ministry research design in the ministry context and in the design of an appropriate applied research project.

### **DMIN 788**

#### **Tools of Ministry Research**

##### **3 credit hours**

Designed to prepare the student to identify literature related to his/her research problem, to design appropriate data collection tools and to analyze the data.

### **DMIN 790**

#### **Research Project**

##### **1 credit hour**

The implementation of an approved project proposal, the writing of a final report, and the oral defense before the student's project committee.

### **DMIN 792**

#### **Ministry Project**

##### **1 credit hour**

The completion and implementation of an approved ministry project proposal, the writing of a final report, and the oral defense before the student's project committee. The student enrolls in this course after successful completion of PRFT 730 Candidacy-Level Assessment each semester until his or her project is successfully completed, edited, and defended.

### **DMIN 999**

#### **Doctor of Ministry Elective**

##### **1-6 credit hours**

Course transferred to apply to an ORU major or minor. (More than one course can be transferred under this number.)  
Restriction: Approval by petition to department chair.

## **Drama (DRAM)**

### **DRAM 090**

#### **Mid-Year Review**

##### **0 credit hours**

All BFA theatre candidates participate in Performance &/or Portfolio Mid-Year Review each fall semester. The student's work both in and out of the classroom is evaluated by a faculty panel and is followed by an in depth discussion between the student and panel re: the student's progress and continuation in the program. Specific requirements for the Performance / Portfolio review will be distributed to each student by the faculty mentor of each area.

### **DRAM 095**

#### **Performance/Portfolio Evaluation**

##### **0 credit hours**

All BFA theatre candidates participate in Performance &/or Portfolio Evaluation each spring semester. The student's work both in and out of the classroom is evaluated by a faculty panel and is followed by an in depth discussion between the student and panel re: the student's progress and continuation in the program. Specific requirements for the Performance / Portfolio Eval will be

distributed to each student by the faculty mentor of each area.

**Restriction:** BFA Theatre majors only.

### **DRAM 105**

#### **Theatre Laboratory**

##### **0-0.5 credit hours**

A seminar including pertinent subjects, guest speakers from the entertainment industry, demonstrations, exercises, field trips, and experiences that are outside the scope of the other drama courses offered at ORU.

### **DRAM 107**

#### **Film Acting Technique**

##### **3 credit hours**

An acting experience organized as a single-camera acting workshop. Provides the students opportunity to study single camera techniques, the studio rehearsal, and filming the scene. The students gain experience by rehearsing and acting in scenes that are videotaped.

### **DRAM 110**

#### **Theatre History I**

##### **3 credit hours**

A study of the history of theatre from the Greeks to Ibsen. The course provides an in-depth study of the plays, playwrights, physical theatre, social structure, and theatre criticism. Surveys the social, political, religious, and theatrical aspects of the various periods to better acquaint the student with these areas and their place in the development of modern drama.

### **DRAM 116**

#### **Introduction to Theatrical Design**

##### **3 credit hours**

This course will teach the student to form, define and refine a design concept and create a metaphor to visualize that concept. Students will use the elements and principles of design to communicate that concept. The final project for this course will be a concept pitch from a costume, scenic and lighting designer's perspective to the design faculty.

### **DRAM 120**

#### **Survey of Applied Theatre**

##### **3 credit hours**

This course is a survey of applied theater, a field that uses the medium of theatre for education, therapy, community engagement, problem solving and civic activism. Applied Theatre uses theatre in a non-traditional way as a tool to not only entertain, but also to serve others. The forms of applied theatre that will be covered in this class are: Playback theatre, Theatre for Youth, Community and Play Building, Theatre and Social Justice, Drama Therapy and Theatre Ministry.

### **DRAM 130**

#### **Improvisation and Theatre Games**

##### **3 credit hours**

Improvisation and Theatre Games provides the basic techniques and approaches to the art of acting through improvisation and theatre games, and based on the work of Viola Spolin. Covers the fundamentals of stage terminology, stage movement, improvisation and theatre games. Students will spend the majority of class time on their feet engaged in various games and exercises designed to heighten honesty and creativity. Improvisation and theatre games encourage the students to be simple and truthful, quick thinking and impulsive on stage. Improvisation and Theatre Games is intended to be the beginning acting course for college students. No acting or improv background is expected. It is the prerequisite for all ORU acting classes and admission into the BFA Acting program. Classes will be physically oriented with the emphasis on doing. The students will participate in improvisational theatre games and scenes which will be performed in a workshop setting for a classroom audience. Students are required to wear all black, flexible clothing and shoes to each class.

### **DRAM 150**

#### **Drama in the Church**

##### **1 credit hour**

An overview surveying current trends utilizing dramatic elements in a church setting. Includes a study of quality sketches, plays, creative dramatics, exercises, and interactive theatre. Discusses using drama in all facets of the church community.

### **DRAM 201**

#### **Make-up 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.

**Course fee:** \$30

### **DRAM 204**

#### **Playwriting**

##### **3 credit hours**

Surveys the current styles and genres of short plays utilized in a church setting. Examines the basics of dramatic writing, including plot, conflict, format, characterization, and dialogue. Studies the process of developing a short play from concept to performance.

**Prerequisite:** DRAM 215

### **DRAM 205**

#### **Acting I**

**3 credit hours**

Provides basic techniques and approaches to the art of acting. Covers the fundamentals of stage terminology, stage movement, and improvisation.

**Prerequisite:** DRAM 130.

**Restriction:** BFA Theatre students only or permission of the instructor.

**DRAM 206****Acting II****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 130

**Restriction:** BFA Theatre: Acting Track majors only.

**DRAM 207****Playback Theatre****3 credit hours**

This course explores the methods and process of Playback Theatre, an interactive theatre form in which performers create an improvised performance based on audience members' personal stories. The course will examine the necessary components of a Playback performance, the history of playback Theatre, and the ethics and uses of Playback Theatre not only in performance settings, but also in therapeutic and applied theatre settings.

**Prerequisites:** DRAM 120 & DRAM 130

**DRAM 208****Theatre for Healing with Specific Populations I Lab****1 credit hour**

This course examines how theatre techniques and processes are applied for service and ministry to specific populations. This course includes a lab component, in which students practice theatre for healing with a specific people group, such as geriatric populations or young people with disabilities. The course also addresses the ethics of applied and therapeutic theatre

**DRAM 208****Theatre for Healing with Specific Populations I****3 credit hours**

In this lab, students practice theatre for healing with a specific people group, such

as geriatric populations or young people with disabilities.

**Co-requisite:** DRAM 209

**DRAM 210****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 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.

**DRAM 216****Stagecraft I****3 credit hours**

Fundamentals of scenery construction with instruction and practice in stagecraft and lighting coordinated with university theatre productions.

**Course fee:** \$20.

**DRAM 220****Voice, Diction, and Phonetics****3 credit hours**

The study of voice production and phonetics. Topics include the purpose of vocal production, the characteristics of good speech, the identification, evaluation, and correction of improper speech techniques, and the individual analysis of and drill to correct inadequacies of vocal production and vocal variety. Involves exercises and activities to correct specific vocal problems, learning the International Phonetic Alphabet (IPA) to enable precise and improved articulation, and classroom transcription activities using IPA, combined with the phonetic analysis of each sound and the study of pronunciation standards. Voice, Diction, and Phonetics is the level one voice and speech course specifically for the BFA Acting students. The pre-requisite of Improvisation (DRAM 130), as well as acceptance into the BFA Acting track is required. Class periods will be physically oriented with the emphasis on doing. Students are required to wear all black, flexible clothing and shoes to each class. The students will be assigned acting scenes

from published plays (realism genre) which will be analyzed according to Stanislavski's method, and workshopped for the classroom audience.

**Prerequisite:** DRAM 130

**Course fee:** \$20

**DRAM 227****Theatre Forms****3 credit hours**

A study of various theatrical forms, elements, and techniques needed to foster versatility in the theatre artist.

**Restriction:** Permission of the department.

**DRAM 233****Lighting Design I****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.

**Prerequisite:** DRAM 116, DRAM 216

**Course fee:** \$20

**DRAM 240****Stage Management****3 credit hours**

This course is designed to prepare the student to be a successful stage manager. The student will develop organizational and interpersonal skills. They will use these skills to manage schedules, actors, communicate with directors and oversee the production process.

**Prerequisite:** DRAM 216

**DRAM 255****Scene Design I****3 credit hours**

Designed to expose the student to theatrical scene design from theory to practice. Its purpose is to provide a foundation on which the student builds a theatrical design experience.

**Prerequisite:** DRAM 116, DRAM 216

**Course fee:** \$20

**DRAM 275****Costume History****3 credit hours**

The course is designed as a broad survey of the evolution of clothing styles and materials through history, from early Mid-Eastern civilizations to the present day. It will demonstrate how sociological, political, economic, artistic, geographic, technological and other factors affect clothing through the ages, and how, at the same time, costume and personal adornment emerge not only as practical necessities and/or signs of social rank, but also as manifestations of human

individuality, character, personal taste. We will examine how knowledge of historic costume expands and deepens a person's understanding and enjoyment of the visual arts of the past and how, on the other hand, it is applied in professional involvement with clothing and adornment, particularly in theater and cinematography.

**Restriction:** BFA Theatre majors only.

### **DRAM 276**

#### **Introduction to Costume Construction 3 credit hours**

Introduction to the process and application of the fundamental skills of hand and machine sewing, as well as an overview of the costume design preparation process. Students will also be provided with the skills necessary to perform successfully and safely as an assistant to a crew head. The student will be able to recognize and understand the safe use of costume studio materials, tools and equipment. The student will develop a working knowledge of fabric. The student will be able to read and execute basic commercial patterns to successfully create a clothing/accessory piece.

**Restriction:** BFA Theatre majors only.

**Course Fee:** \$20.

### **DRAM 290**

#### **Audition Techniques 3 credit hours**

Audition Techniques provides actors at the beginning of their careers with practical information regarding the business of "show business," helping to make the transition to the workplace less traumatic and confusing, helping them to compete successfully for the variety of work available to an actor. The course will address topics such as, but not limited to: survival techniques, networking strategies, unions, interviewing tactics, modes of dress, makeup, head shots, resumes, talent representation, and personal management. The actors will also experience mock auditions in a variety of genres and mediums, creating a personal repertoire of audition materials for the actor's future reference. Each piece must be fully prepared and fully realized. Audition Techniques is created with the professional actor in mind, specifically designed for the BFA Acting student. The pre-requisite of Improvisation (DRAM 130), as well as acceptance into the BFA Acting track, is required. Class periods will be physically oriented with the emphasis on doing. Students are required to wear all black, flexible clothing and shoes to each class

**Prerequisite:** DRAM 130.

**Restriction:** BFA Theatre majors only.

### **DRAM 291**

#### **Viewpoints**

#### **3 credit hours**

Viewpoints explores the acting movement and composition system developed by Anne Bogart and Tina Landau, based upon the work started by modern dancer, Mary Overlie. It is for performers of all types who wish to become more fully alive, engaged and honest in their work. Viewpoints training equips the actor with techniques and tools that can be applied to any creative process, rehearsal or audition. Using the nine viewpoints, the actor learn how to become more present and aware, more alert and giving, how to respond honestly on stage and how to rid themselves of the fear of being "good enough." Viewpoints is an acting course specifically for the BFA Acting students. The pre-requisite of Improvisation (DRAM 130) and acceptance into the BFA Acting track is required. Class periods will be physically oriented with the emphasis on doing. Students are required to wear all black, flexible clothing and shoes to each class. The students will be assigned acting scenes from published plays, as well as create original, movement based pieces, which will be workshoped for the classroom audience.

**Prerequisite:** DRAM 130.

**Restriction:** BFA Theatre majors only.

### **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.

**Prerequisite:** DRAM 130

### **DRAM 303**

#### **Costume Design 3 credit hours**

An introduction to the process of costume design. Includes studying design elements, production organization from a design perspective, and practical historical research. Places special emphasis on applying the principles of design to improving the student's appearance and self-image by relating these things to a relationship with God, Jesus, and the Holy Spirit.

**Prerequisite:** DRAM 116

### **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. (Equivalent Course: DRAM 210.)

### **DRAM 307**

#### **Movement for the Actor 3 credit hours**

Movement for the Actor compares and contrasts the actor's physicality through various acting styles and genres. The class is designed to further develop an understanding of the actor's body and mind connection, to increase awareness, range, and freedom in the full physicality of the body as the instrument of the actor's artistic expression. They will gain an understanding of the actual anatomical design of the body, postural coordination system, breath/movement connection and experience the effects of each through a range and the depth of performance skills and pieces. The course provides fundamental understanding of the importance of movement, space, weight, and time as theatrical principles. Movement for the Actor is an acting course specifically for the BFA Acting student. The pre-requisite of Improvisation (DRAM 130) and acceptance into the BFA Acting track is required. Class periods will be physically oriented with the emphasis on doing. Students are required to wear all black, flexible clothing and shoes to each class. The students will be assigned acting scenes from published plays, as well as create original, movement based pieces which will be workshoped for the classroom audience.

**Prerequisite:** DRAM 130.

**Restriction:** BFA Theatre majors only.

### **DRAM 308**

#### **Theatre for Healing with Specific Populations II 3 credit hours**

This course examines how theatre techniques and processes are applied for service and ministry to specific populations. This course includes a lab component, in which students practice theatre for healing with a specific people group, such as geriatric populations or young people with disabilities. The course also addresses the ethics of applied and therapeutic theatre.

### **DRAM 308**

#### **Theatre for Healing with Specific Populations II Lab 1 credit hour**

In this lab, students practice theatre for healing with a specific people group, such as geriatric populations or young people with disabilities.

**Co-requisite:** DRAM 308

### **DRAM 318**

#### **Devising and Playbuilding 3 credit hours**

This course explores collaborative techniques to create original ensemble performances. The course will address the ethics and practicalities of creating original theatre pieces using various techniques. Techniques may include collaborative devising, creative improvisation, verbatim, docudrama, and ethnodrama, as well as process drama forms such as forum theatre, Bibliodrama and sociodrama

### **DRAM 320**

#### **Flat Patternmaking and Draping 3 credit hours**

Students learn the basics of flat patternmaking first, followed by the draping procedures. Students will also learn sewing and fabric terminology along with the creative design process used in the Fashion Design Industry. Projects include creating patterns, developing basic foundation drapes for a skirt, bodice, and sleeve as well as two Original Design Projects that utilize these learned draping skills along with the flat patternmaking abilities. Original design is executed from a sketch and a sample garment is presented as a final exam. Material cost and laboratory fees apply. Restriction: BFA Theatre majors only.

**Prerequisite:** DRAM 303.

**Course Fee:** \$30.

### **DRAM 330**

#### **Lighting Design II 3 credit hours**

This course is designed to continue developing the lighting design skills obtained from DRAM 233 Lighting Design I. The student will convert their knowledge of determining image of light, instrument selection and installation and creating a lighting plot into a software program called Vectorworks.

**Prerequisites:** DRAM 233; DRAM 255

**Course fee:** \$20.

### **DRAM 332**

#### **Acting III 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.

**Prerequisite:** DRAM 130

**Restriction:** BFA Theatre: Acting Track majors only.

### **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.

**Prerequisites:** DRAM 130, 215 and 216.

**Course fee:** \$20.

### **DRAM 345**

#### **Voiceover Techniques for the Actor 3 credit hours**

Voiceover Techniques covers the essentials for developing a career and succeeding in voiceover work. Topics include, but are not limited to: developing a marketing strategy, the different categories of voice overs and their rates of pay, industry standards for a competitive voice over reel, signing with the right agency and understanding contracts. Instruction also covers the future of internet casting, the unions that govern voice over work and how to become a member; union versus non-union voice over work, the use of celebrities in voice over and the impact they have in the industry; and the basics of creating your own home studio. Voiceover Techniques is specifically designed for the BFA Acting student. The pre-requisite of Improvisation (DRAM 130), as well as acceptance into the BFA Acting track is required. Class periods will be physically oriented with the emphasis on doing. Students are required to wear all black, flexible clothing and shoes to each class. The purchase of software essential for voiceover recordings will also be required.

**Prerequisite:** DRAM 130.

**Restriction:** BFA Theatre majors only.

### **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:** DRAM 205, MMC 127 and MMC 345.

### **DRAM 355**

#### **Scene Design II 3 credit hours**

This course is designed to continue developing the scenic design skills obtained from DRAM 255 Scenic Design I. The student will convert their knowledge of manual design, theatrical drafting, rendering techniques and 3D modeling into

a software program called Vectorworks. The student will design an assigned play, create all the necessary drawings and renderings using Vectorworks for their final presentation.

**Prerequisites:** DRAM 216; DRAM 255.

**Course fee:** \$20.

### **DRAM 360**

#### **Theatre for Youth and Young Audiences 3 credit hours**

Students will examine current philosophies, principles, and techniques of children's theatre. Development of the individual through use of dramatic play, imagining, improvisation, and theatre games geared to K-8 curriculum. This course is applicable to classroom teaching, educational leadership, public speaking, and performers. Students will engage in age appropriate literary text adaptations as well as curriculum building for youth in a performative, theatrical fashion. Theatre for Youth and Young Audiences requires the prerequisite of DRAM 130. Classes will be physically oriented with the emphasis on doing. The students will participate in improvisational theatre games and scenes which will be performed in a workshop setting for a classroom audience. Students are required to wear all black, flexible clothing and shoes to each class.

**Prerequisite:** DRAM 130.

**Restriction:** BFA Theatre majors only.

### **DRAM 375**

#### **Meisner Technique I 3 credit hours**

Through exercises, performance activities, and presentations, this course provides a practical introduction to Sanford Meisner's approach to actor training. The class is challenging, invigorating, and participatory. For this course, the actor should consider that they are a part of a workshop environment rather than in a traditional classroom. Although there is a lecture/discussion component to this course, by nature actor training requires substantial studio work – both inside and outside of the classroom. **Prerequisites:** DRAM 130, Admission to the BFA Acting Track. Meisner I is an advanced acting course specifically for the BFA Acting student. The pre-requisite of Improvisation (DRAM 130), as well as acceptance into the BFA Acting track is required. Class periods will be physically oriented with the emphasis on doing. Students are required to wear all black, flexible clothing and shoes to each class.

**Prerequisite:** DRAM 130.

**Restriction:** BFA Theatre majors only.

**DRAM 376****Meisner Technique II****3 credit hours**

Meisner Technique II is a continuation of Meisner Technique I and further explores Sanford Meisner's approach to actor training through extreme exercises, performance activities, and presentations. Like Meisner Technique I, the class is challenging, invigorating, and participatory. The actor considers that they are a part of a workshop environment rather than in a traditional classroom. Although there is a lecture/discussion component to this course, by nature actor training requires substantial studio work – both inside and outside of the classroom.

Meisner Technique II is an advanced acting course specifically for the BFA Acting student. The pre-requisite of Improvisation (DRAM 130), Meisner Technique I (DRAM 375), and acceptance into the BFA Acting track is required. Class periods will be physically oriented with the emphasis on doing. Students are required to wear all black, flexible clothing and shoes to each class.

**Prerequisites:** DRAM 130; DRAM 375.

**Restriction:** BFA Theatre majors only.

**DRAM 407****Film Acting Technique****3 credit hours**

An acting experience organized as a single-camera acting workshop. Provides the students opportunity to study single camera techniques, the studio rehearsal, and filming the scene. The students gain experience by rehearsing and acting in scenes that are videotaped.

**Restriction:** BFA Theatre majors only or permission of the instructor.

**DRAM 410****Voice & Dialects****3 credit hours**

Voice and Dialects prepares actors with the basic techniques for learning and applying stage dialects. Accents and dialects are an increasingly important part of the theatre. The ability to portray characters of different social, regional & ethno-cultural backgrounds greatly adds to an actor's craft & repertoire. Students will receive instruction in selected dialects that are frequently used by the American actor. They will receive continued instruction in the International Phonetic Alphabet and how to apply it in acquiring dialects for the stage. The student will be equipped with a systematic approach to dialect acquisition. Voice and Dialects is the level two voice and speech course specifically for the BFA Acting students. The pre-requisite of

Improvisation (DRAM 130), as well as acceptance into the BFA Acting track is required. Class periods will be physically oriented with the emphasis on doing. Students are required to wear all black, flexible clothing and shoes to each class. The students will be assigned acting scenes from published plays (realism genre) which will be analyzed according to Stanislavski's method, and workshopped for the classroom audience.

**Prerequisites:** DRAM 130 & acceptance into the BFA Theatre Acting Track.

**DRAM 415****History of Decoration****3 credit hours**

This course will introduce the theatre design student to the historical transformation of architecture, furniture, interior design and decorative motifs. Special emphasis will be placed on the adaptation of research and period style to the design process.

**DRAM 420****Performing Arts Management****3 credit hours**

An overview of studio management, non-profit organizations, grant and proposal writing, concert production, and touring. Equivalent Course: DANP 420.

**Restriction:** Permission of the department.

**DRAM 424****Acting IV: Shakespeare****3 credit hours**

Acting IV specifically focuses on the works of William Shakespeare from an acting perspective. Students will analyze and discuss his plays, workshop various scenes, and develop their acting skill through text analysis, vocal exercises, acting exercises, monologues, and scene work. Shakespeare's plays were written to be performed. Through workshop performance, the class will attempt to find, not only the meaning, but the music and theatrical power of Shakespeare's words. This advanced study of acting stimulates the actor's imagination and craft while developing an analytical approach to Shakespearean text. The discussion of blank verse, prose, scansion (iambic pentameter), imagery, antithesis, and other tools, equip the actor to utilize Shakespeare's plays in performance. Acting IV is the level four acting course specifically for the BFA Acting student. The pre-requisite of Improvisation (DRAM 130) and acceptance into the BFA Acting track is required. Class periods will be physically oriented with the emphasis on doing. Students are required to wear all black, flexible clothing and shoes to each class. The students will be assigned acting scenes from published plays which will

undergo analysis work and workshopped for the classroom audience.

**Prerequisite:** DRAM 130.

**Restriction:** BFA Theatre majors only.

**DRAM 425****Acting V: Modern Styles****3 credit hours**

Acting V specifically focuses on the modern acting techniques of Michael Chekov, Harold Pinter, Augusto Boal, Samuel Beckett, and Bertolt Brecht. Students will analyze and discuss various plays, workshop scenes, and develop their acting skill through text analysis, vocal exercises, acting exercises, monologues, and scene work. Advanced study of these acting techniques stimulates the actor's imagination and craft while developing an analytical approach to modern texts. The discussion and application of theatrical imagery, psychological gesture, Pinter pause, Theatre of the Oppressed, Gestus, and other modern acting tools equip the actor to explore specific modern texts in performance. Acting V is the level five acting course specifically for the BFA Acting student. The pre-requisite of Improvisation (DRAM 130) and acceptance into the BFA Acting track is required. Class periods will be physically oriented with the emphasis on doing. Students are required to wear all black, flexible clothing and shoes to each class. The students will be assigned acting scenes from published plays which will undergo analysis work and workshopped for the classroom audience.

**Prerequisite:** DRAM 130.

**Restriction:** BFA Theatre major only.

**DRAM 490****Design/Technology Practicum****3 credit hours**

This course is designed to give course credit for realized design and theatre production projects take on by a student. The student will be assigned a faculty mentor for their project.

**Restriction:** BFA Theatre majors only.

**DRAM 498****Senior Paper Preparation****1 credit hour**

Discussion and exploration of possible topics and a review of research techniques and methods.

**Restrictions:** Junior or Senior standing only. Within three semesters of graduation and approval of instructor and departmental mentor.

**DRAM 499****Research and Senior Paper/Project****2 credit hours**

Specialized research culminating in a senior paper and/or other approved project.

**Prerequisite:** DRAM 498

**Restrictions:** Senior standing only.

### **DRAM 999**

#### **Drama Elective**

#### **1-6 credit hours**

Course transferred to apply to an ORU major or minor. (More than one course can be transferred under this number.)

**Restriction:** Approval by petition to department chair.

## **Early Childhood Education (ECE)**

### **ECE 201**

#### **Appropriate ECE Practice**

#### **3 credit hours**

An overview of early childhood education with emphasis on historical roots, contributions of leaders in the field, various philosophies and future implications for early childhood educators. This course covers developmentally appropriate practices for children ages birth to eight including advocacy, ethical decision-making, health, safety, and nutrition. The course is a hybrid class utilizing D2L and off-campus tours of local early childhood facilities.

### **ECE 202**

#### **Infant and Toddler Development**

#### **3 credit hours**

A study of the physical, psychosocial, and cognitive development of children from birth through age two, with emphasis on developmentally appropriate practice and responsive parent and caregiver practices that promote optimal development. This course provides opportunities for candidates to engage in practical application of the course concepts through direction interaction with young infants and toddlers in a child care center and assess the child care environment.

### **ECE 305**

#### **Cognition and Curriculum**

#### **3 credit hours**

A study of the basic principles of cognitive growth and development of children from birth through age eight as well as methods for guiding cognitive development. This course covers development and evaluation of curriculum, assessment principles, and specific methods and rationales for teaching math and science in early childhood classrooms.

### **ECE 306**

#### **Innovative Differentiation**

#### **3 credit hours**

A study of curriculum integration, differentiated instruction, and social studies through the Project Approach. This course provides opportunities for candidates to engage in practical application of the course concepts through direct interaction with young children in an educational setting where candidates will design, implement, and evaluate developmentally meaningful and challenging curriculum through the Project Approach.

### **ECE 405**

#### **Creative Expression and Play**

#### **3 credit hours**

An overview of the development of creativity, play, and motor skills for children from birth through age eight. This course explores the stages of development in the arts including materials, resources, and techniques for bolstering creativity, play, and motor skills especially as they relate to art, music, movement, and drama.

### **ECE 999**

#### **Early Childhood Education Elective**

#### **1-6 credit hours**

Course transferred to apply to an ORU major or minor. (More than one course can be transferred under this number.)

**Restriction:** Approval by petition to department chair.

## **Electrical Engineering (EE)**

### **EE 311**

#### **Network Analysis II**

#### **3 credit hours**

Continuation of EGR 210. Topics covered include impulse and sinusoidal responses of second-order networks, two-port theory, design of filters, Fourier transforms and Laplace transforms. Includes application of MATLAB.

**Prerequisite:** EGR 210.

**Course fee:** \$55.

### **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. (Equivalent Course: PHY 321.)

**Prerequisite:** EGR 210.

**Co-requisite:** EE 321L.

### **EE 321L**

#### **Electronics I Laboratory**

#### **1 credit hour**

Companion lab to EE 321 Lecture. Covers measurements of the characteristics of

semi-conductor devices and the analysis and design of single-stage BJT and FET amplifiers. (Equivalent Course: PHY 321L.)

**Co-requisite:** EE 321.

**Course fee:** \$100

### **EE 322**

#### **Electronics II Lecture**

#### **3 credit hours**

Continuation of EE 321. Topics include frequency analysis and design of amplifiers, analysis of operational amplifiers, design of operational amplifier based circuits, integrated circuits, analysis of feedback techniques, and design of active filters. Uses SPICE software.

**Prerequisite:** EE 321.

**Co-requisite:** EE 322L.

### **EE 322L**

#### **Electronics II Laboratory**

#### **1 credit hour**

The companion lab to EE 322 Lecture. Topics include frequency analysis and design of amplifiers, analysis of operational amplifiers, design of operational amplifier based circuits, integrated circuits, analysis of feedback techniques, and design of active filters. Uses SPICE software.

**Co-requisite:** EE 322.

**Course fee:** \$100

### **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.

**Prerequisites:** CMPE 340, CMPE 340L and 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. (Equivalent Course: PHY 331.)

**Prerequisites:** PHY 112 and MAT 211.

**Course fee:** \$55.

### **EE 361**

#### **Power Systems Analysis**

#### **3 credit hours**

A study of symmetrical components, per-unit representation, transmission line analysis, power transformer analysis, synchronous machine analysis, and introductory computer power flow analysis.

**Prerequisites:** EGR 210 and EE 311.

**Course fee:** \$55.

**EE 363****Electromechanical Devices****3 credit hours**

An introduction to electrical machines and transformers. Direct and alternating current machines are reduced to equivalent circuits.

**Prerequisite:** EGR 210.

**Course fee:** \$35.

**EE 450****Special Topics****3 credit hours**

Courses of special interest taught as needed.

**Prerequisite:** EGR 210 or permission from instructor.

**Course fee:** \$55

**EE 462****Design of Power Systems****3 credit hours**

A study of the design of power systems using extensive computer analysis. Topics include balanced and unbalanced faults, system protection, system performance, and load flow studies.

**Prerequisite:** EE 361.

**Course fee:** \$35.

**EE 495****Directed Study****1-3 credit hours**

A directed study of problems of limited scope approved on an individual basis. Written and/or oral presentation may be required.

**Restriction:** Permission from instructor or approval of department chair.

**EE 999****Electrical Engineering Elective****1-6 credit hours**

Course transferred to apply to an ORU major or minor. (More than one course can be transferred under this number.)

**Restriction:** 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 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.

**Co-requisites:** MAT 211 and EGR 210L.

**EGR 210L****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.

**Co-requisite:** EGR 210.

**Course fee:** \$100.

**EGR 221****Mechanics I: Statics****3 credit hours**

A study of statics of particles and rigid bodies; equilibrium of rigid bodies; concentrated and distributed force systems; shear and bending moment stresses in beams and other rigid bodies; force analysis of machines, frames, and trusses; force resultants using vectors in two and three dimensions; friction forces; center of gravity; moments of inertia. (Equivalent Course: PHY 311)

**Prerequisites:** PHY 111 and 111L; 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. (Equivalent Course: PHY 312.)

**Prerequisite:** EGR 221.

**Course fee:** \$35.

**EGR 225****Circuits and Electronics Lecture****3 credit hours**

An introduction to the analysis of electric and electronic circuits. Topics include resistive circuit analysis, transients of capacitive and inductive circuits, steady-state sinusoidal analysis, electronic devices and applications such as diodes, field-effect transistors, bipolar junction transistors, operational amplifiers and ac machines.

**Prerequisite:** PHY 112 and PHY 112L.

**Co-requisites:** EGR 225L and MAT 211.

**Restrictions:** Engineering majors with a mechanical engineering concentration.

**EGR 225L****Circuits and Electronics Lab****1 credit hour**

Experiments designed to demonstrate and verify the principles discussed in the lecture component of the course as well as basic electric measurement skills. Topics include measurement of resistance, voltage, current, step responses of first-order and second-order RC and RL circuits, sinusoidal AC circuits, FET and BJT circuits, stepper motor control, etc.

**Co-requisite:** EGR 225.

**Course fee:** \$55.

**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. (Equivalent Course: PHY 302.)

**Prerequisites:** PHY 111 and 111L and MAT 202.

**Course fee:** \$55.

**EGR 252****Engineering Computational Methods****3 credit hours**

This course will teach the programming skills needed for basic problem solving using MATLAB programming language. The course consists of a sequence of programming assignments that require students to write computer programs to solve engineering problems. All of the assignments and the project will be written in MATLAB.

**Prerequisite or co-requisite:** MAT 201.

**Course fee:** \$100

**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 or EGR 225 and MAT 211.

**Course fee:** \$100

### **EGR 331**

#### ***Design of Control Systems***

#### **3 credit hours**

An introduction to the design of automatic control systems, including classical control systems, robust control systems, state-variable feedback systems, and digital control systems. A mini design project is required for each topic, based on the theories learned in the lecture.

**Prerequisite:** EGR 330.

**Prerequisite or Co-requisite:** MAT 312.

**Course fee:** \$100

### **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.

**Restriction:** Junior or 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. (Equivalent Course: PHY 498.)

**Prerequisite:** For electrical concentration, EE 322; for computer concentration, CMPE 441; for mechanical concentration, ME 321 and 444. Full admission to the engineering/physics program and at least 50 credit hours in the major and cognate, or permission from the instructor.

**Course fee:** \$100

### **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. (Equivalent Course: PHY 499.)

**Prerequisite:** EGR 498.

**Course fee:** \$100

### **EGR 999**

#### **Engineering Elective**

#### **1-6 credit hours**

Course transferred to apply to an ORU major or minor. (More than one course can be transferred under this number.)

**Restriction:** Approval by petition to department chair.

## **Elementary Education (ELE)**

### **ELE 201**

#### **Elementary Language Arts**

#### **3 credit hours**

A study of the scope and sequence of skill development in language arts (listening, speaking, reading, writing, viewing, and visually representing for students in grades 1-6). Emphasizes the interrelationship of language arts with the entire elementary curriculum, thus using an integrated teaching approach.

### **ELE 202**

#### **Literature and Multimodal Texts**

#### **3 credit hours**

Acquaints the student with outstanding authors and illustrators of the best literature for children, with emphasis upon meeting emotional, intellectual, and aesthetic needs through the use of children's literature. Includes library use.

### **ELE 307**

#### **Emergent Language and Literacy**

#### **3 credit hours**

A study of the development of linguistics and cognitive processes in emergent literacy. Emphasis is placed on the components of beginning reading and writing. Presents application in models for the instruction and assessment of reading and writing in young children.

### **ELE 308**

#### **Literacy Methods and Materials**

#### **3 credit hours**

A study of the major approaches to reading and writing instruction in the elementary grades 1 through 8. Presents methods and materials as a means of developing the student's awareness of the reading and writing processes. The practicum component provides an opportunity to observe 30 hours of reading/language arts instruction and apply evidenced-based instructional practices in an elementary classroom.

### **ELE 405**

#### **Learning-Centered Assessment**

#### **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.

### **ELE 999**

#### **Elementary Education Elective**

#### **1-6 credit hours**

Course transferred to apply to an ORU major or minor. (More than one course can be transferred under this number.)

**Restriction:** Approval by petition to department chair.

## **Elective (ELEC)**

### **ELEC 999**

#### **General Elective**

#### **6 credit hours**

Course transferred to apply to an ORU major or minor. (More than one course can be transferred under this number.)

**Restriction:** Approval by petition to department chair.

## **English Language Learner (ELL)**

### **ELL 303**

#### **English Language Learner Principles**

#### **3 credit hours**

A study of the basic principles of language learning and teaching, including a comparison of first and second language acquisition, instructional and learner variables, and methodological implications. Includes a 10hours practicum.

### **ELL 304**

#### **Structure of Modern English**

#### **3 credit hours**

A study of the structure of modern English through the analysis of conventional grammar and usage. Focuses on verbs and the form and function of words, phrases, and clauses. Compares and contrasts sentence structure and language variation from both descriptive and prescriptive viewpoints. Uses a linguistics approach to the analysis and structure of English.

**Equivalent Course:** GESL 513

### **ELL 315**

#### **Descriptive Linguistics**

#### **3 credit hours**

A general introduction to the field of descriptive linguistics, including phonetics, morphology, and syntax, especially as they

relate to the second language teacher. Includes a 10-hours practicum.

**Equivalent Course:** GESL 515

### **ELL 343**

#### **EL Methods and Materials**

##### **3 credit hours**

A survey and production of TESL techniques and teaching materials. Students receive training in presentation procedures used to teach ESL effectively.

**Equivalent Course:** GESL 501

### **ELL 353**

#### **EL Curriculum Design**

##### **3 credit hours**

An overview of the field of instructional design and curriculum development with a special emphasis on curriculum for English language learners.

**Equivalent Course:** GESL 516

### **ELL 393**

#### **EL 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. Includes a 15-hour practicum.

**Equivalent Course:** GESL 504

### **ELL 413**

#### **Cross-Cultural Communication**

##### **3 credit hours**

An overview of the field of cross-cultural communication, including theories and models, major concepts, terminology, and current research. Also emphasizes effective interpersonal communication and teaching in the multicultural classroom.

**Equivalent Course:** GESL 505

### **ELL 999**

#### **English Language Learner Elective**

##### **1-6 credit hours**

Course transferred to apply to an ORU major or minor. (More than one course can be transferred under this number.)

**Restriction:** 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:** COMP 102.

### **ENG 307**

#### **Culture and the Christian Imagination**

##### **3 credit hours**

An interdisciplinary study in theology and the arts. Explores various Christian approaches to art and aesthetics. Readings and course projects are designed to help students develop critical thinking and writing skills by studying various art forms, specifically the visual arts, literature, music, and film. Fosters a Christ-centered approach to the arts and a mature understanding of how Christian doctrines (e.g., creation, the Fall, Incarnation, and stewardship) are relevant to understanding the arts, how the modern Church can express its deepest truths through art, and how the arts, in general, can be ways of experiencing God and life more fully.

### **ENG 309**

#### **Young Adult Literature**

##### **3 credit hours**

Explores literature for and about the young adult. Includes critical study and evaluation of the genre, examination of the themes found in the literature, examination of authors and award-winning books found in the literature, and the selection of the literature for use in school programs.

### **ENG 310**

#### **World Literature**

##### **3 credit hours**

A study of selected authors, themes, and trends representing literature outside the American and British realms. Emphasizes modern literatures of Continental Europe, Asia, Africa, and Latin America.

### **ENG 311**

#### **British 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**

#### **British Literature II**

##### **3 credit hours**

A survey of major authors and works of English literature from the Romantic period (1798) to the present.

### **ENG 317**

#### **Multicultural Literature**

##### **3 credit hours**

Explores American Literature as written by American authors of four cultural groups: African-American, Latin-American, Asian-

American, and Native American. Genres include narratives, poetry, short stories, essays, dramas, and a novel.

### **ENG 323**

#### **American Literature I**

##### **3 credit hours**

A survey of the major authors and works of American literature from the Puritan period to the mid-nineteenth century.

### **ENG 324**

#### **American Literature II**

##### **3 credit hours**

A survey of the major authors and works of American literature from the mid-nineteenth century to the present.

### **ENG 351**

#### **Shakespeare**

##### **3 credit hours**

A study of Shakespeare's comedies, histories, and tragedies, with attention given to the development of the drama, the intellectual history of the Renaissance, and modern literary criticism.

### **ENG 352**

#### **Major Writers**

##### **3 credit hours**

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

### **ENG 359**

#### **English Medieval Period: 650-1500**

##### **3 credit hours**

A survey of English literature during the Middle Ages, including both poetry and prose. Special emphasis is on the Medieval mystics and Arthurian romance.

### **ENG 370**

#### **American Romantic Period**

##### **3 credit hours**

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

### **ENG 420**

#### **English Romantic Period: 1798-1832**

##### **3 credit hours**

A study of the lives, characteristics, and works of writers in the English Romantic Period. Discusses how the writings of this period influenced the Victorian writers.

**ENG 421****English Victorian Period****3 credit hours**

A survey of English literature during the Victorian Period, including both poetry and prose. Special emphasis is placed on the Pre-Raphaelite movement as well as the intertextual framework that existed between art and literature.

**ENG 436****Modern American Fiction****3 credit hours**

A study of American literature with emphasis on American fiction from the last half of the 20th century.

**ENG 440****The Modern Period****3 credit hours**

A study of representative authors of the Modern Period in Irish, British, and American literature (1914-1950). Includes Modernism as an international artistic movement that followed the Romantic and Realist movements.

**ENG 450****Literary Criticism****3 credit hours**

A study of the history of literary criticism and the important modern critical approaches and theories. Focuses on written exercises of the type expected of literary students, scholars, and critics.

**ENG 451****Seminar****3 credit hours**

A seminar examining aspects of literature, such as a genre or literary movement not covered in other English courses. Includes class discussion, research, and the presentation of papers. Examples of seminar subjects include early Christian literature, science fiction and fantasy, wilderness writings, minority literature, and women's literature. (May be taken twice for credit.)

**ENG 470****Teaching English****3 credit hours**

A course designed to prepare English majors with ideas and practical knowledge for the secondary level (middle and senior high school levels) English classroom. Focuses on methods of teaching literature, composition, grammar and related subjects to current American students of varied backgrounds. A short practicum is required.

**ENG 498****Senior Paper Research****1 credit hour**

The first of a two-course sequence designed to provide English and modern language majors with an opportunity to do specialized research in literature, language or their language of study. Includes instruction in research and bibliographical procedures and prepares students for writing of the senior research paper.  
**Restriction:** Junior or senior standing in the English and Modern Languages Department.

**ENG 499****Senior Paper Composition****2 credit hours**

The second of a two-course senior paper sequence. The course culminates in the presentation of an in-depth research paper written for an academic audience.

**Prerequisite:** LANG 498.

**Restriction:** Senior standing.

**ENG 999****English Elective****1-6 credit hours**

Course transferred to apply to an ORU major or minor. (More than one course can be transferred under this number.)

**Restriction:** Approval by petition to department chair.

**Entrepreneurship (ENT)****ENT 101****Spirit of Entrepreneurship****3 credit hours**

This interdisciplinary course will explore the entrepreneurial spirit, including the mindset, creative ability, and innovative leadership capabilities that every individual must develop in order to succeed in the ever-changing and highly complex world in which we live. This course is for everyone who aspires to live creatively and make an impact in the business world, including those who want to start their own business.

**ENT 300****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. (Equivalent Course: GENT 550.)

**Prerequisite:** ENT 101

**ENT 325****New Venture Creation****3 credit hours**

The purpose of the course is to provide an immersive learning experience for students to develop entrepreneurial thinking and

skills required to launch a new venture. Students will learn and apply frameworks and methods such as the business model canvas, lean startup, rapid prototyping and minimum viable product in order to experience the entrepreneurial journey from the ideation stage to developing a strategy and raising capital. (Equivalent Course: GENT 525.)

**Prerequisite:** ENT 101

**ENT 350****Global Sustainable Business****3 credit hours**

Global Sustainable Business examines how organizations and entrepreneurs can sustainably earn profits while alleviating poverty by targeting emerging markets in developing countries. The focal point is the benefits that sustainable capitalism, free markets, and entrepreneurship can have on impoverished communities and developing nations. (Equivalent Course: GENT 551.)

**Prerequisite:** ENT 101

**ENT 375****Social Entrepreneurship****3 credit hours**

Social entrepreneurship challenges students to think outside the box of traditional charity and nonprofit models to tackle some of the world's greatest problems by harnessing the power of business. In addition to applying business practices to solve wicked social issues, students integrate kingdom principles and discipleship approaches with social entrepreneurship to develop a transformational economic model. (Equivalent Course: GENT 575.)

**Prerequisite:** ENT 101

**ENT 451****Entrepreneurship Internship****3 credit hours**

The College of Business Internship program provides students with the practical business experience essential for a more complete understanding of the application of business theories and processes. In addition to the unique learning experience, an internship helps the student develop ethical principles and a professional attitude for the workplace, hone career-readiness skills, and establish a strategic plan for successful transition from college to career.  
**Prerequisites:** completed at least 12 credit hours at ORU and at least 2 upper level courses in Entrepreneurship Major. Student must also have an internship position pre-arranged before the first day of class.

**Restrictions:** Junior or senior standing, a minimum of 2.5 GPA, ENT Major, and faculty consent

**ENT 475****Startup Bootcamp****3 credit hours**

Startup Bootcamp is the first of two capstone courses for the Entrepreneurship major. This course develops the analytical and conceptual skills necessary to develop a formal business plan for the implementation of the capstone business venture. Business plan concepts include marketing, management, operations, accounting and finance. In addition to variety of teaching methodologies, the course includes coaching from experienced entrepreneurs. (Equivalent Course: GENT 576).

**Prerequisites:** ENT 101, ENT 300, ENT 325, FIN 338, and MKT 350

**Restriction:** Senior Standing

**ENT 499****Launch Pad****3 credit hours**

Launch Pad is the second of two capstone courses for Entrepreneurship majors. The course covers all of the critical elements of launching a new venture. Students enter the course with a completed business plan from the fall capstone course - Startup Bootcamp. The Launch Pad then takes students through steps of the launch process so they have an established new venture by the end of the course. (Equivalent Course: GENT 599).

**Prerequisite:** ENT 475

**ENT 999****Entrepreneurship Elective****1-6 credit hours**

Course transferred to apply to an ORU major or minor. (More than one course can be transferred under this number.)

**Restriction:** Approval by petition to department chair.

**Environmental Science (EVR)****EVR 101****Introduction to Environmental Science****3 credit hours**

A study of the physical and chemical factors that control the extent of contamination of Earth's physical environment. Emphasizes soil, water, and air pollution and the chemical cycles that govern movement of pollutants from one environmental sector to another.

**Corequisite:** EVR 101 Lab

**EVR 101L****Introduction to Environmental Science****Lab****1 credit hour**

The lab portion of this course demonstrates the practical and technical aspects of data acquisition for environmental analysis.

**Co-requisite:** EVR 101 Lecture

**EVR 201****Global Development and Sustainability****3 credit hours**

A survey of various global systems threatened by human misuse and contamination. Presents strategies and tools used to prevent or reduce pollution with the goal of protecting vulnerable culture groups and restoring damage ecosystems.

**EVR 250****Environmental Science I Lecture****3 credit hours**

A study of the physical and chemical factors that control the extent of contamination of Earth's physical environment. Emphasizes soil, water, and air pollution and the chemical cycles that govern movement of pollutants from one environmental sector to another.

**Prerequisite:** One of the following: PSC 101, PSC 215, BIO 101, or CHE 101.

**Co-requisite:** EVR 250 Laboratory.

**EVR 250L****Environmental Science I Laboratory****1 credit hour**

Demonstrates the practical and technical aspects of data acquisition for environmental analysis.

**Co-requisite:** EVR 250.

**Course fee:** \$55.

**EVR 251****Environmental Science II Lecture****3 credit hours**

An interdisciplinary study of the biological, physical and chemical components of the environment and the effects on organisms. This second environmental science course will examine additional environmental topics not included in the first environmental science course. Similar themes will be examining environmental effects caused by humans and our role in conserving and protecting natural systems.

**Co-requisite:** EVR 251L.

**EVR 251L****Environmental Science II Laboratory****1 credit hour**

Demonstrates the practical importance of understanding environmental science to every person, all majors, all careers at ORU and around the world.

**Co-requisite:** EVR 251.

**EVR 360****Readings in Environmental Science****1 credit hour**

Directed readings and reports on topics of special interest to the student and approved by the instructor.

**Restrictions:** GES major and permission of the instructor.

**EVR 380****Environmental Sustainability Internship****1-3 variable credit hours**

On-the-job experience working with an agency, company, or non-governmental organization that practices environmental sustainability with the goal of being introduced to specialized techniques as well as work ethic and communication skills appropriate to a job in the environmental field. (May be taken twice for credit.)

**Prerequisite:** EVR 201 and EVR 250.

**Restriction:** Junior standing.

**EVR 390****Environmental Research****1 credit hour**

Introduces junior environmental sustainability majors to scientific research and teaches the distinction between a "library" and "experimental" research project of experience. Students select a research topic, a research director, and an advisor for the senior research project or internship experience.

**EVR 450****Current Global Issues Seminar****3 credit hours**

A forum for investigation of unresolved issues posing current environmental threats. Readings are from current publications and events.

**EVR 451****Environmental 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. (Equivalent Course: BIO 451.)

**Restrictions:** GES major and senior standing.

**Test fee:** \$30.

**EVR 499****Senior Paper****3 credit hours**

Research evaluating existing programs or concepts culminating in a senior paper that relates the topics of the chosen minors to an aspect of environmental sustainability.

**Prerequisite:** EVR 380.

**Restriction:** Senior status.

**EVR 999****Environmental Science Elective**

**1-6 credit hours**

Course transferred to apply to an ORU major or minor. (More than one course can be transferred under this number.)  
Restriction: 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 supervised ministry in the local institutional church and in consultation-reflection groups in order to achieve competency in functioning as an effective minister of the Gospel.

**Prerequisites:** PRM 673 and 50% of degree program hours.

**Course fees:** Liability insurance, \$15.

**FED 673****Field Education (Community)****1.5 credit hours**

Supervised experiences of ministry beyond the congregation of the local institutional church. Such ministries may be sponsored by a local church, parachurch organization, or community social agency. The student also integrates and employs Biblical/theological principles, practices of ministry, and charismatic empowerment in community settings and in consultation-reflection groups.

**Prerequisites:** PRM 673 and 50% of degree program hours.

**Course fees:** Liability insurance, \$15.

**FED 750****Ministry Practicum****3 credit hours**

Provides the senior Master of Arts in Practical Theology student with practical experience in ministerial responsibilities and in a broad range of roles performed by the professional minister. Trainees gain competence in essential areas of local church ministry.

**Prerequisites:** PRM 673, 50% of degree program hours, and M.A. candidate in Practical Theology.

**Course fees:** Liability insurance, \$15.

**FED 755****Teaching Ministries Practicum****3 credit hours**

A practicum experience in teaching ministry and administration under the supervision of a professional educator or ministry leader. Students select practicum sites for approval by the professor.

**Restriction:** Completion of 50% of coursework for the teaching ministries concentration.

**Course fees:** Background check, \$26; liability insurance, \$15.

**FED 760****Urban Ministry Practicum****3 credit hours**

A course enabling the student to integrate and employ biblical/theological principles, practices of ministry, and charismatic empowerment in diverse contexts of supervised ministry in the local institutional church and in consultation-reflection groups in order to achieve competency in functioning as an effective minister of the Gospel.

**Prerequisites:** PRM 673 and 50% of degree program hours.

**FED 780****Pastoral Care and Chaplaincy Practicum****3 credit hours**

A supervised ministry experience that teaches practical skills for ministry leadership and specialized skills for the various roles of a chaplain to serve in institutional or organizational contexts. Also helps students develop an understanding of their personal ministry gifts with appropriate support and evaluation.

**Prerequisites:** PRM 673 and completion of the Field Education requirements.

**FED 781****Pastoral Internship****3 credit hours**

Supervised ministry in a local church setting to provide opportunity for development of understanding of personal ministry gifts with appropriate support and evaluation.

**Prerequisite:** PRM 673 and completion of the Field Education requirements.

**Course fees:** Liability insurance, \$15.

**FED 999****Field Education Elective****1-6 credit hours**

Course transferred to apply to an ORU major or minor. (More than one course can be transferred under this number.)

**Restriction:** Approval by petition to department chair.

**Finance (FIN)****FIN 244****Personal Financial Planning****3 credit hours**

Focuses on the key concepts, tools, and techniques of contemporary personal finance. Financial problems are addressed in the context as a result of the lack of management rather than lack of money. Topics discussed to avoid financial problems include the time value of money, the importance of saving, how to establish good credit and a high credit score, the correct use of credit, the use of credit cards, the establishment of financial goals, how to reduce the costs of automobile and life insurance, purchase of an automobile, and rent versus purchase of a house. (Equivalent Course: GBUS 556.)

**FIN 303****Money and Banking****3 credit hours**

A study of money and its functions, including the roles and operation of the Federal Reserve and its effect on the money supply, interest rates, prices, and the function of commercial banking and regulations: international financial system, and the underlying economic theories of money.

**Prerequisites:** BUS 201.

**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.

**Restriction:** 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. (Equivalent Course: GFIN 550.)

**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.

**Prerequisite:** FIN 338.

### **FIN 451**

#### **Finance Internship 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.

**Prerequisite:** Student must have an internship position pre-arranged before the first day of class.

**Restriction:** Finance majors only.

### **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. (Equivalent Course: GINB 560.)

**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. (Equivalent Course: GFIN 561.)

**Prerequisite:** FIN 338.

### **FIN 467**

#### **Financial Markets and Institutions 3 credit hours**

This course covers financial markets and institutions, including money, debt, security, equity, and derivative markets; the connection between commercial banking and the financial markets; investment banking and the role of other financial intermediaries in the financial markets; and the flow of funds between sectors.

**Prerequisite:** FIN 338

### **FIN 468**

#### **Portfolio Management 3 credit hours**

A study of portfolio management including theoretical and practical approaches to portfolio management; the connection between the organization and operation of the securities markets upon portfolio management; the relationship between risk and return; the construction of bond and equity portfolios; the connection between asset pricing and portfolio management; optimal portfolio allocations including the role of derivatives, options, and non-financial assets; the evaluation of portfolio performance; and the function, structure, and operation of mutual fund, pension fund, and endowment or trust portfolios

**Prerequisite:** FIN 338 and FIN 418

### **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. (Equivalent Course: GFIN 572.)

### **FIN 999**

#### **Finance Elective 1-6 credit hours**

Course transferred to apply to an ORU major or minor. (More than one course can be transferred under this number.)

**Restriction:** Approval by petition to department chair.

## **French (FRE)**

### **FRE 101**

#### **Elementary French I 4 credit hours**

A beginning course in French. Covers grammar and composition, but emphasizes oral/aural skills. Includes possessives, commands, present indicative, passe compose, and futur proche. Covers most activities listed in the ACTFL novice mid

competencies. (This course does not count toward the bachelor of arts language requirement, a minor, or major, but can be used for elective credit.)

**Course fee:** \$40.

### **FRE 102**

#### **Elementary French II 4 credit hours**

Builds on the skills learned in FRE 101.

Covers most activities listed in the ACTFL novice high competencies.

**Prerequisite:** FRE 101 with a grade of "C" or higher or demonstrated proficiency.

**Course fee:** \$40.

### **FRE 203**

#### **Intermediate French I 3 credit hours**

Continued study of French with review of grammar and composition. Focuses on improving aural/oral skills. Includes selected readings in addition to text. Covers most activities listed in the ACTFL intermediate mid competencies. (Honors sections available.)

**Prerequisite:** Proficiency examination or FRE 102 with a grade of "C" or higher.

**Course fee:** \$40.

### **FRE 204**

#### **Intermediate French II 3 credit hours**

An intensive practical conversational workshop. Grammar review with emphasis on spoken French. Covers most activities listed in the ACTFL intermediate high competencies.

**Prerequisite:** FRE 203 with a grade of "C" or higher.

### **FRE 219**

#### **Travel Study 3 credit hours**

A two-week trip to a French-speaking country. Includes an in-depth study of French history, geography, and art as students learn everyday customs and put grammar principles to practical use. (May substitute for FRE 203 for general education requirements or for an upper level French course for students majoring or minoring in French.)

**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 204 or equivalent.

**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****3 credit hours**

A study of French in its application to business, including terminology with respect to office procedures and international marketing. (Taught primarily in French.)

**Prerequisite:** FRE 204.

**FRE 430****French Literary Periods****3 credit hours**

A study of French literary periods such as the Romantic, the eighteenth century, and the modern period. Focus of the course varies from semester to semester, but each involves an in-depth study of a particular literary period. Authors may include Montesquieu, Rousseau, Voltaire, Hugo, Chateaubriand, and Balzac. (Taught in French.) (May be taken more than once.)

**Prerequisite:** FRE 303 or 304.

**FRE 433****French Literary Genres****3 credit hours**

A study of French literary genres against a philosophical and socio-political background. Focuses on a specific genre such as short story, novel, poetry, or drama by studying authors such as Voltaire,

Flaubert, and Hugo. (Taught in French.)

(May be taken twice for credit.)

**Prerequisite:** FRE 303 or 304.

**FRE 450****Internship****1-3 credit hours**

Systematic and supervised practicum in a French-speaking community. Application of French oral communication and writing skills. Credit varies, depending on time involved on-site.

**Prerequisite:** FRE 204.

**Restriction:** Permission of the department.

**FRE 451****Special Readings****1-3 credit hours**

Special readings course in French to cover general or specific areas as determined by the professor to meet the need of the student.

**Restrictions:** French major, arrangement with professor, and departmental permission.

**FRE 470****Teaching Language****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. (Equivalent Course: GER 457 and SPA 457.)

**FRE 499****Senior Paper****3 credit hours**

Directed individual study for seniors pursuing research and the writing of the required senior paper.

**Co-requisite:** French literature course.

**FRE 999****French Elective****1-6 credit hours**

Course transferred to apply to an ORU major or minor. (More than one course can be transferred under this number.)

**Restriction:** Approval by petition to department chair.

**Graduate Accounting (GACT)****GACT 500****Internship****1-3 credit hours**

A practicum in which the student works one-on-one with an employer to make recommendations for improvement in the work force. The student's work includes

both a closely supervised environment and projects of personal initiative.

**Prerequisite:** A minimum of 12 hours of leveling and/or graduate courses.

**GACT 527****Intermediate Accounting I****3 credit hours**

A comprehensive study of intermediate accounting theory and technique. Emphasizes financial statement relationships with a balance sheet approach to the study. The course moves from the most current and liquid categories to the least current along balance-sheet lines covering all of the major balance sheet classifications and account groupings individually and in depth. The first in a two-course sequence, it covers roughly one-half of the comprehensive intermediate accounting volumes. (Equivalent Course: 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. (Equivalent Course: 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. (Equivalent Course: 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. (Equivalent Course: ACT 432.)

**Prerequisite:** ACT 216.

**GACT 539****Auditing****3 credit hours**

A course designed to acquaint the student with the theoretical knowledge to successfully perform the attest function. Although practical knowledge is best acquired while working with actual records, problems and case studies are used extensively to give practical exposure to the student. (Equivalent Course: ACT 439.)

**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. (Equivalent Course: 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. (Equivalent Course: 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). (Equivalent Course: ACT 463.)

**Prerequisites:** ACT 327 or GACT 527; ACT 328 or GACT 528 is recommended, but not required.

### **GACT 564**

#### **Becker Conviser 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.

**Prerequisite:** GACT 542 or (ACT 432 and BUS 325)

### **GACT 565**

#### **Becker Conviser 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.

**Prerequisite:** GACT 533 or (ACT 432, BUS 202 and FIN 338)

### **GACT 566**

#### **Becker Conviser 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.

**Prerequisite:** GACT 528 or ACT 328

### **GACT 567**

#### **Becker Conviser 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.

**Prerequisite:** GACT 539 or ACT 439

### **GACT 570**

#### **Accounting Information Systems 3 credit hours**

Examines accounting information systems as an integrated framework within a business entity. Highlighted topics include data retrieval for report preparation, evaluation of accounting information systems, and the design of charts of accounts. Discusses the role of accounting systems, controls, and auditing. (Equivalent Course: 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. (Equivalent Course: ACT 471.)

**Prerequisites:** ACT 215, 216, and 327 with grades of "C" or better.

### **GACT 574**

#### **Tax Seminar 3 credit hours**

A tax seminar focused on various contemporary federal taxation, tax planning opportunities, and tax compliance issues. (Equivalent Course: ACT 474.)

**Prerequisite:** ACT 216.

### **GACT 580**

#### **Nonprofit Accounting and Finance 3 credit hours**

Application of accounting principles to governmental units and nonprofit institutions with emphasis on budgetary control, the operation of funds, and financial reporting. (Equivalent Course: ACT 380.)

### **GACT 999**

#### **Accounting Elective 1-6 credit hours**

Course transferred to apply to an ORU major or minor. (More than one course can be transferred under this number.)

**Restriction:** Approval by petition to department chair.

## **Graduate Administration (GADM)**

### **GADM 821**

#### **Executive Leadership: The Superintendency 3 credit hours**

Presents an integration of theory and practice related to the roles and responsibilities of the school superintendent. Emphasizes obtaining knowledge and developing skills to effectively perform the general requirements of district-level leadership. Defines the superintendent's role in developing effective policies and procedures for administering, supervising, and evaluating educational personnel and programs. Prepares emerging leaders to promote the success and wellbeing of each student, teacher, and leader by engaging

the community and developing productive partnerships.

### **GADM 822**

#### **Executive Leadership in Christian Schools 3 credit hours**

Presents an integration of theory and practice related to the roles and responsibilities of the Christian School administrator. Defines the Christian school leader's role in developing effective policies and procedures for administering, supervising, and evaluating educational personnel and programs. Prepares emerging leaders to promote the success and wellbeing of each student, teacher, and leader by engaging the community and developing productive partnerships.

### **GADM 823**

#### **Operational Leadership: Human, Physical, and Capital Resources 3 credit hours**

Prepares the administrator to lead and manage a complete school operations program. Instructs executive level education leaders in applying knowledge and skills that ensure the effective and efficient management of the district's operations and resources.

**Prerequisite:** GHED 603 Research I: Systematic Inquiry

### **GADM 824**

#### **Policy, Governance, and Politics 3 credit hours**

An analysis of the historical and contemporary legal, political, and ethical issues of public and private schooling, with an emphasis on national, state, and local educational issues, the political environment, laws, and court cases. Explores social, economic, multicultural, and political factors in the context of educational organizations' governance and their constituent communities.

### **GADM 825**

#### **Leadership of Curricular and Instructional Practices 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. Presents an overview of the theory and application of educational evaluation and measurement.

**Prerequisite:** GHED 603 Research I: Systematic Inquiry

### **GADM 826**

#### **Internship in Executive School Leadership 3 credit hours**

An opportunity to integrate theory and practice in a field-based setting under the guidance of an experienced cooperating administrator serving as a mentor. Provides a variety of meaningful, authentic, leadership experiences in district/school settings. The experiences are coordinated by the university supervisor in consultation with the cooperating administrator and address NELP standards.

### **GADM 999**

#### **Graduate Administration Elective 1-6 credit hours**

Course transferred to apply to an ORU major or minor. (More than one course can be transferred under this number.)

**Restriction:** Approval by petition to department chair.

## **Graduate Biblical Literature (GBIB)**

### **GBIB 500**

#### **Greek Synthesis I 3 credit hours**

An introduction to the forms and functions of the nominal and verbal systems of New Testament Greek. Emphasizes vocabulary building and basic translation. (This is the first of two courses.)

### **GBIB 501**

#### **Greek Synthesis II 3 credit hours**

A continuation of GBIB 500. An introduction to the structure and functions of clauses focusing upon the significance of grammatical forms and translation of portions of the Greek New Testament.

**Prerequisite:** GBIB 500.

### **GBIB 502**

#### **Biblical Languages for Ministry 3 credit hours**

This course will engage students in an inductive study of biblical languages through the use of biblical language software. Both biblical Hebrew and Greek will be covered. The focus will be on the significance of Hebrew and Greek grammatical, syntactical, and lexical forms encountered in the study of selected passages from the Old and New Testaments, with special attention given to application of this data for ministry.

### **GBIB 505**

#### **Introduction to Old Testament Literature 3 credit hours**

A historical-thematic survey of the Old Testament. Examines the content of the Old Testament, with emphasis on the cultural, historical, and geographical background to the text.

### **GBIB 506**

#### **Introduction to New Testament Literature 3 credit hours**

A historical-thematic survey of the New Testament. Examines the content of the New Testament, with emphasis on the cultural, historical, and geographical background of the text.

### **GBIB 507**

#### **Biblical Hermeneutics 3 credit hours**

A study of the problems and methods of Biblical interpretation, including the factors of presuppositions, grammatical relationships and historical context, vocabulary, and figurative language.

**Prerequisite:** GTHE 517.

### **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 515**

#### **Introduction to Biblical Literature 3 credit hours**

A historical-thematic survey of the Old and New Testaments. Examines the content of the Biblical text, with emphasis on the cultural and historical background of the text and its modern cultural application.

### **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 of theological themes 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****The Life and Teachings of Jesus (Matthew, Mark, and Luke)****3 credit hours**

A study of Matthew, Mark, and Luke designed to enhance understanding of the person, message, and mission of Jesus in His Jewish milieu. Includes the distinctive aspects of each evangelist's portrayal of Jesus.

**GBIB 561****Old Testament Hermeneutics and Exegesis (Hebrew)****3 credit hours**

An exegetical study of selected Old Testament passages. Involves sound exegetical method and critical problems and hermeneutics of the passages. Includes doctrinal significance.

**Prerequisites:** GBIB 511 and proficiency in Hebrew as demonstrated by examination PRF 052.

**GBIB 571****New Testament Synthesis****3 credit hours**

Examines the content of each document in the New Testament canon, a collection of texts that possesses unity and diversity of message. Each text is carefully studied by examining its cultural and historical background.

**GBIB 573****I Corinthians****3 credit hours**

An exegetical course that focuses on the contextual interpretation and contemporary application of insights and themes in the epistle. (Satisfies the prerequisite for any upper-level English Bible course.)

**GBIB 581****New Testament Hermeneutics and Exegesis (Greek)****3 credit hours**

An exegetical study of selected New Testament passages. Involves sound exegetical method and critical problems and hermeneutics of the passages. Includes doctrinal significance.

**Prerequisite:** GBIB 501 and proficiency in Greek as demonstrated by examination PRF 053.

**GBIB 583****The Parables of Jesus in Their Jewish Context****3 credit hours**

An examination of the parables of Jesus in light of their Jewish background. Studies rabbinic parables to understand the teaching methods of Jesus. Includes cultural, historical, and theological settings of the Gospel parables in light of the teachings of the Jewish people during the period.

**GBIB 589****History and Culture of New Testament Times****3 credit hours**

Studies in the historical-cultural backgrounds of the New Testament. Focuses on the distinctiveness of New Testament Christianity as well as the historical and cultural forces at work in its development.

**GBIB 608****Eighth Century Prophets****3 credit hours**

A study of the prophetic literature of the eighth century against its historical background. Includes a comparison of the prophets, noting similarities and differences in approach, content, purpose, and style.

**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.

**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. (Equivalent Course: GTHE 611.)

**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 are emphasized in the exegesis.

**Prerequisite:** GBIB 581.

**GBIB 619****Romans (English)****3 credit hours**

Exegesis of the epistle with emphasis on the central theological themes and their relevance and application to issues of the contemporary church.

**GBIB 621****Theology of the New Testament****3 credit hours**

A study of major themes and doctrines contained in the New Testament. Emphasizes the contributions of the various Biblical books to the unity of the New Testament. (Equivalent Course: GTHE 621.)

**GBIB 623****Galatians and James: Law and Gospel****3 credit hours**

An exegetical study focusing upon Galatians and James. Emphasizes the relationship between Law and Gospel and the ethical implications derived from these two distinct expressions of the Christian faith.

**GBIB 624****Luke****3 credit hours**

An exegetical study of Luke's version of the message and mission of Jesus. Gives attention to both Jesus' Jewish context and Luke's presentation to the Gentiles. Includes application of central themes to the modern world and church.

**GBIB 625****Gospel and Letters of John****3 credit hours**

Exegesis of the Gospel and letters of John with explication of the major theological themes and contemporary application.

**GBIB 626****The Book of Acts****3 credit hours**

An exegetical study of the book of Acts with emphasis on major historical developments and theological themes contained in the text. Considers the composition, structure, and historical milieu of the book in preparation for the exegesis. Includes application and assessment of the exegetical insights for the contemporary church.

**GBIB 628****Patterns of Ministry in the New Testament****3 credit hours**

An examination of the Biblical pattern of ministry as revealed in pertinent New Testament passages and in the practices of representative ministries, particularly that of Paul.

**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.

**GBIB 632****Isaiah (Hebrew)****3 credit hours**

An advanced reading and grammar course. Emphasizes vocabulary, syntax, and grammar. The grammar is used inductively as the need arises in the reading and translation of the text. Selected texts are translated and examined grammatically and historically in order to acquaint the student with the style, literary genre, and doctrine of the book.

*Prerequisites:* GBIB 561.

**GBIB 633****Pentateuch (Hebrew)****3 credit hours**

Concentrates on selected passages from the Pentateuch. Emphasizes exegetical methods and grammar. Gives attention to critical problems.

*Prerequisites:* GBIB 561.

**GBIB 634****Wisdom Literature****3 credit hours**

An examination of the origins of the Wisdom tradition and the adaptation of the tradition within the faith of Israel. A study of the literary sources illustrates the relationship between Old Testament Wisdom and the universal wisdom traditions of the ancient Near East.

**GBIB 635****Theophanies/Hebrew Scripture (Hebrew)****3 credit hours**

An intermediate-level course in reading and grammar. Emphasizes vocabulary, syntax, and grammar. The grammar is studied inductively as the need arises in the reading and translation of the texts. Selected texts are translated and examined grammatically

and historically in order to acquaint the student with the language, style, and literary genres of theophanies in the Hebrew Scriptures.

*Prerequisite:* 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.

*Prerequisite:* GBIB 561.

**GBIB 637****Deuteronomy (Hebrew)****3 credit hours**

Concentrates on the oral reading and interpretation of the Hebrew text of the book of Deuteronomy.

*Prerequisite:* GBIB 561.

**GBIB 645****Biblical Archaeology****3 credit hours**

An introduction to the purpose and methods of archaeology and a study of selected sites in western Asia and the Aegean. Stresses the significance of these excavations for Biblical study.

**GBIB 648****Israel Study Abroad 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.

**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 as demonstrated by passing 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.

**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 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.

**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.

**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.

### **GBIB 704**

#### **Psalms (Hebrew)**

#### **3 credit hours**

An exegetical study of selected representative Psalms. Includes a study of the principles of Hebrew poetry and the general structure and content of the Psalter. Emphasizes their theological significance and value for Christian living and worship.

**Prerequisite:** GBIB 561.

### **GBIB 712**

#### **Akkadian**

#### **3 credit hours**

An introduction to the fundamentals of Akkadian, a cognate language to Hebrew. An inductive approach using the Code of Hammurabi. Designed to help the student better understand the culture and literature of the Ancient Near East and the background of the Old Testament.

### **GBIB 714**

#### **Ugaritic**

#### **3 credit hours**

An introduction to the Ugaritic language and literature of ancient Ugarit in Northern Syria. Includes reading Ugaritic epics and myths and analyzing their influence on the poetry and prose of the Bible.

### **GBIB 715**

#### **The Bible and Midrash (Hebrew)**

#### **3 credit hours**

An advanced Hebrew reading course designed to teach the student basic translation skills for Mishnaic Hebrew and introduce the student to Qumranic Hebrew. Includes selected reading from rabbinic literature and the Dead Sea Scrolls.

**Prerequisite:** GBIB 561.

### **GBIB 729**

#### **Colossians/Ephesians (Greek)**

#### **3 credit hours**

A course designed to be primarily a translation and detailed exegesis of the original text of these epistles, with special attention given to grammar, interpretation, and application. Examines the composition, authorship, interrelationships, and purposes of the two letters in their historical settings in preparation for the exegesis.

**Prerequisite:** GBIB 581.

### **GBIB 744**

#### **Septuagint (Greek and Hebrew)**

#### **3 credit hours**

An introduction to the Septuagint version of the Old Testament. Includes an overview of its history, importance for textual studies,

influence upon other versions of the Bible and on the New Testament, and its distinctive theological presuppositions.

**Prerequisites:** GBIB 561 and 581 and Greek and Hebrew language proficiencies (PRF 052 and 053).

### **GBIB 749**

#### **Directed Study**

#### **1-3 credit hours**

A directed course of research and writing under the supervision of a faculty member. Topics must be approved by the professor, advisor, and dean and related to the use of practical theology.

**Restriction:** 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.

**Restriction:** Admission to the academic Master of Arts program.

### **GBIB 755**

#### **Classical Egyptian**

#### **3 credit hours**

A study of the fundamentals of the language of the hieroglyphs. Concentrates on the hieroglyphic script and writings from the Middle Kingdom period.

**Prerequisite:** GBIB 511.

### **GBIB 756**

#### **Thesis Research and Proposal**

#### **3 credit hours**

Designed to provide a Master of Arts in Biblical Literature student with guidelines, requirements, and procedures for researching and writing an advanced research M.A. thesis. Emphasis is placed on extensive research and the completion of a written thesis proposal.

**Restriction:** Admission to the Master of Arts in Biblical Literature program and the approval of the Associate Dean and the candidate's thesis committee.

### **GBIB 757**

#### **Thesis Writing**

#### **3 credit hours**

Research and writing of a thesis that reports, evaluates, interprets, and synthesizes the results of that research. The resulting thesis demonstrates a mastery of existing resources and knowledge in a specific area of discipline.

**Restriction:** GBIB 756; Admission to the Master of Arts in Biblical Literature program and the approval of the Associate Dean and the candidate's thesis committee.

### **GBIB 758**

#### **Thesis Extension**

#### **0 credit hours**

This course is an extension of GBIB 757. For course description refer to GBIB 757.

### **GBIB 761**

#### **Advanced Syriac**

#### **3 credit hours**

A critical comparison of the Greek and Syriac texts of the Gospels. This is a research course with special attention given to the issue of Greek translation.

**Restriction:** GBIB 663, proficiency in Hebrew PRF 052 and proficiency in Greek PRF 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.

### **GBIB 767**

#### **Seminar in Old Testament**

#### **3 credit hours**

A course focusing on various aspects of Old Testament studies. Topics vary.

### **GBIB 768**

#### **Epistle to the Hebrews**

#### **3 credit hours**

A study of the message of the book with consideration of its Old Testament parallels, Jewish-Christian perspective, and relationship to the Pauline corpus.

### **GBIB 769**

#### **Seminar in New Testament**

#### **3 credit hours**

Investigation of selected contemporary issues in New Testament studies.

### **GBIB 774**

#### **Jewish Apocalyptic Literature**

#### **3 credit hours**

Examines the cultural setting and the historical circumstances that gave rise to the Jewish apocalyptic literature. Studies selected apocalyptic literature from the Old Testament as well as the Apocrypha and Pseudepigrapha.

### **GBIB 777**

#### **Exegesis of Romans (Greek)**

#### **3 credit hours**

An advanced exegesis course that analyzes and interprets the New Testament letter of Paul to the Romans. The course views the epistle in its historical setting and applies its insights and themes to the modern Christian church and society.

**Prerequisites:** GBIB 571 and 581.

### **GBIB 787**

#### **Cross/Resurrection in the New Testament (Greek)**

##### **3 credit hours**

A study of the historical-theological theme of cross/resurrection in the New Testament. Emphasizes translation and exegesis of the primary passages in the Greek text pertaining to this dual motif.

**Prerequisite:** GBIB 571 and 581.

### **GBIB 911**

#### **Seminar in Old Testament Theology**

##### **3 credit hours**

The course explores the construction of an Old Testament theology by applying the unique hermeneutical strategies pertinent to the spirituality, theological formation, and experiences of the Spirit-empowered traditions. The course begins by taking seriously passages concerning the Spirit of God, and the variety of work engendered by the presence and work of the Spirit. It will also consider the role of a socio-religious and cultural context in the reading and interpretation of certain parts of the Old Testament and the theologization process, which is exemplified by the deep resonance found in many African Spirit churches.

### **GBIB 921**

#### **Seminar in New Testament Theology**

##### **3 credit hours**

The course will provide a survey of the discipline of New Testament Theology. The course will examine the history and nature of the discipline of New Testament Theology with special emphasis on methodologies, personalities, and major works. The course will result in an articulation of the core theology of the New Testament and critique of a major treatment of New Testament Theology.

### **GBIB 931**

#### **Spirit Hermeneutics**

##### **3 credit hours**

"Spirit Hermeneutics" is an exegetical method that expands the trajectory of hermeneutics beyond the scope of the literary and historical context to a faithful reading and applying of the Spirit-inspired text to the believer's life and faith community in ways that are true to the experience of the Spirit.

### **GBIB 999**

#### **Biblical Literature Elective**

#### **1-6 credit hours**

Course transferred to apply to an ORU major or minor. (More than one course can be transferred under this number.)  
Restriction: Approval by petition to the department.

## **Graduate Business Leveling (GBLV)**

### **GBLV 501**

#### **Foundations of Management**

##### **1 credit hour**

An opportunity to demonstrate the required aptitude in the ACBSP in the mandated leveling common professional component in management. This course requires working through a series of self-paced modules and passing a final exam with a minimum score of 70%.

### **GBLV 502**

#### **Foundations of Business Law**

##### **1 credit hour**

An opportunity to demonstrate the required aptitude in the ACBSP in the mandated leveling common professional component in business law. This course requires working through a series of self-paced modules and passing a final exam with a minimum score of 70%.

### **GBLV 503**

#### **Foundations of Organizational Behavior**

##### **1 credit hour**

An opportunity to demonstrate the required aptitude in the ACBSP in the mandated leveling common professional component in organizational behavior. This course requires working through a series of self-paced modules and passing a final exam with a minimum score of 70%.

### **GBLV 504**

#### **Foundations of Statistics**

##### **1 credit hour**

An opportunity to demonstrate the required aptitude in the ACBSP in the mandated leveling common professional component in statistics. This course requires working through a series of self-paced modules and passing a final exam with a minimum score of 70%.

### **GBLV 505**

#### **Foundations of Accounting**

##### **1 credit hour**

An opportunity to demonstrate the required aptitude in the ACBSP in the mandated leveling common professional component in accounting. This course requires working through a series of self-paced modules and passing a final exam with a minimum score of 70%.

### **GBLV 506**

#### **Foundations of Financial Management**

##### **1 credit hour**

An opportunity to demonstrate the required aptitude in the ACBSP in the mandated leveling common professional component in financial management. This course requires working through a series of self-paced modules and passing a final exam with a minimum score of 70%.

### **GBLV 507**

#### **Foundations of Marketing**

##### **1 credit hour**

An opportunity to demonstrate the required aptitude in the ACBSP in the mandated leveling common professional component in marketing. This course requires working through a series of self-paced modules and passing a final exam with a minimum score of 70%.

### **GBLV 508**

#### **Foundations of Economics**

##### **1 credit hour**

An opportunity to demonstrate the required aptitude in the ACBSP in the mandated leveling common professional component in economics. This course requires working through a series of self-paced modules and passing a final exam with a minimum score of 70%.

## **Graduate Business (GBUS)**

### **GBUS 500**

#### **Internship**

##### **1-3 credit hours**

A practicum in which the student works one-on-one with an employer to make recommendations for improvement in the work force. The student's work includes both a closely supervised environment and projects of personal initiative.

**Prerequisite:** Twelve hours of leveling and/or graduate courses.

### **GBUS 504**

#### **Communications in Contemporary Business**

##### **3 credit hours**

Designed to expose the graduate student to all areas of business communications necessary for the contemporary professional. Focuses on written communication, public speaking, mediation, group facilitation, assessment techniques, consulting, and event coordination. Addresses communicating in the boardroom, staff meeting, or consultation arenas. (Equivalent course: MGT 341).

**Prerequisite:** COM 101.

**Restriction:** Permission of department.

**GBUS 550****Legal Issues of Nonprofit Organizations  
2-3 credit hours**

Provides the students with a basic grounding in the laws and regulations governing nonprofit organizations. Includes procedures for incorporating, reporting, and maintaining tax-exempt status as a nonprofit organization, a familiarity with legal principles and research methods, and an overview of the legal, regulatory, and policy issues facing contemporary nonprofit organizations.

**GBUS 556****Personal Financial Planning  
2 credit hours**

Focuses on the key concepts, tools, and techniques of contemporary personal finance. Financial problems are addressed in the context as a result of the lack of management rather than lack of money. Topics discussed to avoid financial problems include the time value of money, the importance of saving, how to establish good credit and a high credit score, the correct use of credit, the use of credit cards, the establishment of financial goals, how to reduce the costs of automobile and life insurance, purchase of an automobile, and rent versus purchase of a house. (Equivalent Course: FIN 244.)

**Prerequisite:** Undergraduate course in financial management.

**GBUS 561****Data Mining and Machine Learning  
3 credit hours**

This course will provide students with a thorough grounding in the methods, theory, and practice of data mining and machine learning. The course covers topics from classical statistics and linear regression analysis to advanced machine learning techniques. (Equivalent Course: CSC 461)

**Prerequisite:** CSC 201 with a grade "C" or higher.

**GBUS 562****Big Data and High Performance Computing  
3 credit hours**

This course the methods and systems to develop High Performance Computing (HPC) based applications and Big Data (BD) analytics solutions. The target runtime environment HPC and BD solutions is a computer and data cluster comprised of a few nodes to many nodes, what is commonly referred to as a supercomputer. The supercomputer environment requires understanding of several levels of parallelism and concurrency as well as distributed and parallel data storage and

operations. The problem domain for this course is for data and/or compute challenges that greatly exceed the capabilities of general enterprise-class servers. (Equivalent Course: CSC 462)

**Prerequisite:** CSC 444 with a grade of "C" or higher.

**GBUS 565****Strategic Management  
2-4 credit hours**

The capstone course of the M.B.A. and M.NFP. programs. Emphasizes the integration of accounting, finance, management, and marketing within the framework of policy, organization and behavioral theory, problem identification, decision making, oral and written skills, strategy, confidence, and the ability to develop positive corrective-action techniques. (3 credit hours for M.B.A. students; 2 credit hours for M.NFP. students.)

**Prerequisite:** GMGT 561, GMKT 564, GACT 562 and GFIN 563 all with a grade of "C" or higher

**GBUS 568****Entrepreneurship Capstone  
2-3 credit hours**

Designed to teach students the components of planning, starting, operating, and selling a company. Approaches entrepreneurship with comprehensive perspective from marketing, management, accounting, and finance. Students engage in strategic thinking about business ideas, including finding a niche, forming a legal entity, raising capital, hiring employees, taxes and bookkeeping, and valuing and selling a business.

**Prerequisites:** GACT 562, GMKT 564, GENT 550, GFIN 561, and GFIN 563.

**GBUS 572****Ethical Leadership  
2-3 credit hours**

A study of the interrelationships among individuals, business firms, service industries, nonprofit organizations, churches, and government in American society. Focuses on the issues and problems that confront the leaders exercising social responsibility and examines the nature and objectives of selected public policies impinging on business. Includes a comprehensive analysis and synthesis of philosophies that determine cultural values and an evaluation in terms of the student's own personal value system. Addresses management's role in upholding Christian principles as it interacts with government and society. (Equivalent Course: 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 578****Strategic Management Concepts  
2 credit hours**

The foundations course leading into the Strategic Management Capstone course (GBUS 579) of the M.B.A. program. Emphasizes the foundational strategic integration of accounting, finance, managements, and marketing within the framework of policy, organization and behavioral theory, problem identification, decision making, oral and written skills, strategy, confidence, and the ability to develop positive corrective-action techniques.

**Prerequisites:** GMGT 561, GACT 562, GBUS 574 and GMKT with a grade of "C" or better and capability of creating case presentations using multimedia computer software.

**Prerequisite or Co-requisite:** GFIN 563 with a grade of "C" or higher.

**GBUS 579****Strategic Management Capstone  
2 credit hour**

The capstone course of the M.B.A. program. Emphasizes at the mastery level the strategic integration of accounting, finance, management, and marketing within the framework of policy, organization and behavioral theory, problem identification, decision making, oral and written skills, computer presentation software skills, strategy, confidence, and the ability to develop positive corrective-action techniques. This class is not required for MBA students pursuing the Entrepreneurship concentration.

**Prerequisite or Co-requisite:** GBUS 578 with a grade of "C" or higher.

**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.

### **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**

#### **Business Elective**

##### **1-6 credit hours**

Course transferred to apply to an ORU major or minor. (More than one course can be transferred under this number.)

**Restriction:** Approval by petition to department chair.

## **Graduate Computer Science**

### **GCSC 511**

#### **Software Engineering**

##### **3 credit hours**

This course will introduce formal Software Engineering methodologies and processes that are generally expected to be found in industry. This course is designed to provide the student the means to demonstrate mastery of software development processes and to "Function effectively as a member or leader of a team engaged in activities associated" with the practice of software engineering

**Prerequisite:** CSC 255 with a grade of "C" or higher, or by instructor's permission.

### **GCSC 544**

#### **Introduction to Distributed Computing Systems**

##### **3 credit hours**

This course covers the core topics of distributed computing systems: those that are made up traditional von Neumann computing elements (servers) connected to each other via a communication/network system that facilitates the servers to interact

with each other. This course is expected to be a gateway to a future course in concurrent/parallel applications design.

**Prerequisite:** CSC 255 with a grade of "C" or higher or by instructor's permission.

### **GCSC 554**

#### **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.)

**Restriction:** Permission from instructor.

### **GCSC 556**

#### **Advanced Algorithms**

##### **3 credit hours**

This course introduces advanced algorithm design and analysis techniques, including dynamic programming, greedy algorithms, amortized analysis, graphs, multi-threaded algorithms, and string matching. It also introduces computational geometry, and approximation algorithms. This course, along with CSC 356, provides the student with "Substantial coverage of algorithms and complexity".

**Prerequisite:** CSC 356 with a grade of "C" or higher or by instructor's permission.

### **GCSC 561**

#### **Data Mining and Machine Learning**

##### **3 credit hours**

This course will provide students with a thorough grounding in the methods, theory, and practice of data mining and machine learning. The course covers topics from classical statistics and linear regression analysis to advanced machine learning techniques. Cross-listed with GBUS 561.

**Prerequisite:** CSC 201 with a grade "C" or higher.

### **GCSC 562**

#### **Big Data and High performance Computing**

##### **3 credit hours**

This course the methods and systems to develop High Performance Computing (HPC) based applications and Big Data (BD) analytics solutions. The target runtime environment HPC and BD solutions is a compute and data cluster comprised of a few nodes to many nodes, what is commonly referred to as a supercomputer. The supercomputer environment requires understanding of several levels of parallelism and concurrency as well as distributed and parallel data storage and operations. The problem domain for this course is for data and/or compute challenges that greatly exceed the capabilities of general enterprise-class servers.

**Prerequisite:** CSC 444, grade of "C" or better or by instructor's permission.

### **GCSC 563**

#### **Artificial Intelligence**

##### **3 credit hours**

This course will provide students with a practical foundation in artificial intelligence (AI) and its applications, equipping students with the knowledge and confidence they need to lead their organization into an innovative, efficient, and sustainable company of the future.

**Prerequisite:** CSC 201 with a grade "C" or higher.

### **GCSC 570**

#### **Automata and Complexity Theory**

##### **3 credit hours**

This course will introduce the student to theoretical Computer Science building blocks. The very essence of whether something is computable is presented. Fascinating topics include the concepts of intractability, decidability and reducibility are covered along with how they apply to the Computer Scientist's work. The course will also introduce concepts and methods to determine complexity in, both, the sense of time and space. This course is design to provide the student with substantial coverage of computer science theory.

**Prerequisite:** CSC 356 with a grade of "C" or higher or by instructor's permission.

### **GCSC 599**

#### **Research in Computer Science**

##### **3 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. (May be taken up to 3 times for credit).

**Restriction:** Permission of department.

## **Graduate Counseling (GCSL)**

### **GCSL 528**

#### **Christian Approaches to Counseling**

##### **3 credit hours**

Provides students with an understanding of the worldview that supports professional counseling. Examines the assumptions, goals, and techniques of five approaches to professional counseling.

### **GCSL 539**

#### **The Contemporary Family**

##### **3 credit hours**

Provides students with an overview of the dynamics and dilemmas facing contemporary families.

### **GCSL 570**

#### **Religious Diversity and Counseling**

**3 credit hours**

Acquaints students with various religious orientations and how they might influence the counseling process. Both the formal theology and subjective spirituality of the orientations are considered. Special emphasis is placed on maintaining respect for differing belief systems and the ethics of integrating them in therapy.

**Prerequisites:** GTHE 518

**GCSL 571****Theology of Counseling****3 credit hours**

A course designed to provide a Biblical and theological framework for the work of the Christian counselor. Integrates theological truth and psychological principles by exploring such topics as epistemology, empowerment, and whole-person healing within the Pentecostal/charismatic traditions.

**Prerequisites:** (GTHE 518 and GTHE 510), GCSL 528.

**GCSL 580****Professional Issues in Counseling****3 credit hours**

Introduces students to the issues and responsibilities facing professional counselors. Covers professional roles and functions, self-care strategies, inter-agency collaboration, and advocacy processes necessary for client success. Also provides models, practices, and processes of counselor supervision and professional credentialing.

**GCSL 623****Ethics and Professional Issues in Counseling****3 credit hours**

A study of the ethics, values, and litigation that affect the counseling field and professionals. Examines the role of the professional counselor.

**GCSL 624****Counseling Diverse Populations****3 credit hours**

Develops culturally effective counselors through learning from one's own culture, being teachable in encounters with those who differ, and coming to respect other cultural perspectives as equal to one's own. Emphasizes the historical perspectives of multicultural counseling/therapy, cultural competence, and socio-political influences by using counseling models as well as variables related to several subgroups of America's racial/ethnic populations, and lifestyles.

**GCSL 625****Counseling Theories****3 credit hours**

A survey of the major concepts and counseling approaches of the contemporary therapeutic systems. Students learn to incorporate concepts and approaches into their own personalized style of counseling.

**GCSL 626****Principles of Biblical Counseling****3 credit hours**

An introduction to basic concepts and procedures of Biblical counseling. Students learn to integrate knowledge and skills into their personal counseling style.

**GCSL 627****Crisis Counseling****3 credit hours**

A course designed to acquaint the student with the nature and dynamics of crisis situations. Emphasizes intervention principles and procedures in the context of situational crises and includes the concept of training laypersons for basic crisis intervention.

**GCSL 628****Crisis, Trauma, and Addictions Counseling****3 credit hours**

An introduction to the history, research, theory, and skill development of crisis, trauma, and the neurobiological foundation of addictive disorders counseling including the assessment, diagnosis, and treatment of clients. The course will examine the spiritual issues associated with crisis, trauma, and addictions.

**GCSL 629****Introduction to Addictive Disorders****3 credit hours**

An introduction to the field of chemical dependency and addictive disorders from a fundamental Christian perspective. Reviews historical foundations of self-help programs and examines (1) the impact of these historical influences on development of the traditions of self-help groups; (2) spiritual issues in addictions, examining the psychological and spiritual significance of twelve-step programs; (3) issues of spiritual surrender, recognition of essential human limitation, ego-deflation, free will, personal inventory-taking, restitution, developing ethical principles, and the ongoing nature of recovery; and (4) personality and thought processes of addicted persons.

**GCSL 630****Counseling Methods****3 credit hours**

Designed to foster an understanding of the developmental nature of the counseling process, relevant for working with individuals, couples, and families. Students examine case studies, review and critique

videos of various counseling techniques, role-play as both counselor and client, and also explore methods of treating addictions, crises, trauma-causing events, and family/systemic issues. Includes the use of prayer, Scripture, and the empowerment of the Holy Spirit.

**GCSL 631****Addiction in the Family Counseling****3 credit hours**

Overviews recent research findings regarding addiction, as embedded within the family context, and examines contemporary developments in family addictions counseling with an emphasis on empirically supported models and treatments. Prevention and wellness are also emphasized along with treatment planning and intervention strategies.

**GCSL 635****Human Growth and Development****3 credit hours**

Addresses the biological, socioemotional, and cognitive factors that shape human development from infancy through old age and in diverse social contexts. Includes study of spiritual factors and developmental theories. (Equivalent Course: PRM 635.)

**GCSL 637****Contemporary Family Development****3 credit hours**

Examines the family within both traditional and contemporary cultural contexts in terms of relationships, family stages, issues, and trends in a diverse society with an orientation to wellness and prevention.

**GCSL 639****Family Development****3 credit hours**

Traces the historical development of the family and acquaints students with Biblical, theological, sociological, and psychological aspects of family development. Gives special attention to the developmental and transitional issues of the family life cycle.

**GCSL 640****Human Sexuality****3 credit hours**

Integrates empirical, clinical, and Biblical perspectives of human sexuality and its many expressions throughout life.

**GCSL 641****Assessment in Marital and Family Therapy****3 credit hours**

A study of the methods and measures of assessment of couples and families. Includes a variety of interview styles and common evaluations.

**GCSL 642****Family Therapy  
3 credit hours**

Examines contemporary developments in family therapy with an emphasis on integrative models and empirically-supported treatments for specific issues. Emphasizes treatment planning and intervention strategies.

**GCSL 643****Marital and Family Systems Theory  
3 credit hours**

An overview of the principles of general system theory as applied to understanding couple and family relationships, including the church family. Emphasizes learning to think relationally by attending to patterns, organization, structure, communication, and the distinctions between first and second-order change.

**GCSL 644****Addiction in the Family Theory  
3 credit hours**

An overview of the principles of general system and other family theories as applied to understanding addictions within the context of the family relationship network. Emphasizes learning to think rationally by attending patterns, organization, structure, communication, and the distinctions between first and second-order change as related to conceptualizing addiction and addiction recovery.

**GCSL 645****Counseling the Elderly  
3 credit hours**

An overview of the field of gerontology. Provides students with information on adult development and aging. Ways to help and counsel the elderly are examined.

**GCSL 650****Professional Ethics in Counseling  
3 credit hours**

A study of ethical standards of professional organizations and credentialing bodies, and applications of ethical and legal considerations in professional counseling. Presents various models of ethical decision making, as well as the ethical standards from the ACA and AAMFT.

**GCSL 670****Introduction to Psychopathology  
3 credit hours**

An introductory study of abnormal behavior. Emphasizes DSM-V classification system; description, clinical causation, and treatment of the major forms of psychological disorder; and associated developmental, personality, and religious variables affecting behavioral patterns.

**GCSL 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. (Equivalent Course: PRM 671.)

**GCSL 675****Marriage and Family Therapy  
3 credit hours**

Overviews recent research findings regarding couple's relationships and examines contemporary developments in marriage and family therapy, with an emphasis on empirically supported models and treatments. Prevention and wellness are also emphasized along with treatment planning and intervention strategies.

**GCSL 676****Marriage Counseling  
3 credit hours**

An overview of the latest recent research findings in the area of couple's relationships, with an emphasis on prevention and wellness along with an introduction to empirically-supported models of marriage counseling.

**GCSL 679****Vocational and Occupational Guidance  
3 credit hours**

Examines career development theories, related life factors, and decision-making models with an emphasis on the practical application of these theories.

**GCSL 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.

**GCSL 685****Assessment of Addictive Behaviors  
3 credit hours**

Students learn the assessment skills necessary for the field of addictions and mental health counseling. Students learn to conduct a clinical interview and Mental Status Exam, as well as administer and interpret psychological tests and assessments specific to addictions counseling.

**GCSL 700****Spiritual Issues in Addictions Counseling****3 credit hours**

Addresses the spiritual issues often associated with addiction formation and recovery, such as bondage and deliverance, shame and grace, marginalization and inclusion, control and surrender, and fallenness and redemption, with special attention to the 12-step recovery model.

**GCSL 722****Counseling Across the Lifespan  
3 credit hours**

A course designed to highlight and examine the biopsychosocial, interrelational perspective faced by individuals of all ages in a contemporary cultural context, equip counselors-in-training with effective therapeutic strategies in working with families, couples, children, adolescents, adults and the elderly, including diagnosis and treatment planning.

**GCSL 723****Counseling Children/Adolescent  
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.

**GCSL 724****Testing and Assessment I  
3 credit hours**

An introductory course in assessment terminology, history, and procedures in a multicultural society. Presents knowledge and skills in appraising children and adolescents in terms of their cognition, aptitude, achievement, learning disability, neuropsychology, environment, and personality. Emphasizes using various forms of assessment, instead of standardized testing only.

**Course fees:** Test fee, \$40.00; liability insurance, \$15.

**GCSL 732****Testing and Assessment II  
3 credit hours**

Continues to build on the knowledge and skills acquired in GCSL 724 Testing and Assessment I. Students learn to conduct a clinical interview and Mental Status Exam, as well as to administer and interpret personality assessments and symptom behavior. Students also learn tests and assessments specific to addictions counseling and assessment skills necessary

for the field of addictions and mental health counseling.

**Course fees:** Test fee, \$40.00; liability insurance, \$15.

### **GCSL 740**

#### **Drug and Alcohol Counseling Theory 3 credit hours**

A survey of the major concepts and counseling approaches of the contemporary therapeutic systems within the drug and alcohol counseling field. Students learn to incorporate concepts and approaches into their own personalized style of addictions counseling.

### **GCSL 750**

#### **Pharmacology of Drugs and Abuse 3 credit hours**

Overviews the most recent research regarding the principles and practice of psychopharmacology. Focuses on conceptualizing disease, with particular emphasis on the behavior of neurotransmitters and their interactions with pharmaceuticals and other substances. Information is considered from an addictions counseling perspective.

### **GCSL 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).

### **GCSL 762**

#### **Narrative Therapy 3 credit hours**

An in-depth presentation of a narrative approach to therapy. Emphasizes techniques of externalization and restoring.

### **GCSL 763**

#### **Counseling Practicum 3 credit hours**

Provides an opportunity for students to begin applying theory and developing counseling and therapeutic skills under supervision. Students experience selected client care responsibilities with special emphasis given to ethnic and demographic diversity. Students gain practical experience in counseling, marriage and family therapy, and/or drug and alcohol counseling, and related areas of assessment, consultation, and professional behavior. Includes observing experienced counselors, and engaging in co-counseling and other entry-level counseling activities. (Marriage and family therapy students will have access to an MFT supervisor.)

**Prerequisite:** Passing of PRFT 057.

**Course fees:** Liability insurance, \$15.

### **GCSL 764**

#### **Marriage and Family 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:** (GCSL 630, GCSL 635, or GCSL 676 or (PRM 635 and GCSL 643) or (GCSL 650 and GCSL 642)) and GCSL 528 and GCSL 580

**Course fees:** Liability insurance, \$15.

### **GCSL 770**

#### **Diagnosis and Treatment of Psychopathology 3 credit hours**

An advanced course to provide students with an in-depth 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:** GCSL 670

### **GCSL 781**

#### **Counseling Internship I 3 credit hours**

Provides the practical application of theory and development of counseling and therapeutic skills under supervision. Students experience selected client care responsibilities with special emphasis given to ethnic and demographic diversity. Students gain experience in core areas of professional counseling, marriage and family therapy, and/or alcohol and drug counseling, and their related areas of assessment, consultation, and professional functioning. (Marriage and family therapy students will have access to an MFT supervisor.)

**Prerequisite:** GCSL 763.

**Course fees:** Liability insurance, \$15.

### **GCSL 782**

#### **Marriage/Family Internship I 3-4 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:** GCSL 764, GCSL 580 and GCSL 650

**Course fees:** Liability insurance, \$15.

### **GCSL 784**

#### **Counseling Research 3 credit hours**

An introduction to the language and terms of counseling research, including models and methods of research. Applications are made to program development and evaluation, as well as to the use of empirically verified treatments in the practice of Clinical Mental Health Counseling, Marriage, Couple, and Family Counseling.

### **GCSL 785**

#### **Counseling Internship II 3 credit hours**

Provides the practical application of theory and development of counseling and therapeutic skills under supervision. The student will continue to gain experience in selected client care responsibilities and in a broad range of roles performed by the professional counselor, marriage and family therapist, and/or alcohol and drug counselor with clients who may represent the ethnic and demographic diversity in their community. Students gain experience in core areas of counseling, assessment, consultation, and professional functioning. (Marriage and family therapy students will have access to an MFT supervisor.)

**Prerequisites:** GCSL 650, 763, and 781.

**Course fees:** Liability insurance, \$15.

### **GCSL 786**

#### **Marriage/Family Internship II 3-4 credit hours**

Provides the practical application of theory and development of counseling skills under supervision. The student will continue to gain experience in selected client care responsibilities and in a broad range of roles performed by the professional counselor with clients who represent the ethnic and demographic diversity in their community. Students gain experience in core areas of marriage, couples, and family counseling, assessment, consultation, and professional functioning.

**Prerequisites:** GCSL 623 and 763.

**Course fees:** Liability insurance, \$15.

### **GCSL 999**

#### **Graduate Counseling Elective 3 credit hours**

Course transferred to apply to an ORU major or minor. (More than one course can be transferred under this number.)  
Restriction: Approval by petition to department chair.

## Doctor of Nursing Practice (GDNP)

### **GDNP 601**

#### **Graduate Orientation 0 credit hours**

This course introduces the student to research at the doctoral level, their cohort, courses, and proven learning strategies

### **GDNP 602**

#### **Spirit-Empowered Life and Leadership 2 credit hours**

An overview of the basic theological beliefs and lifestyle that are the foundation for Oral Roberts University. The course analyzes the Biblical concepts and principles of the Person and work of the Holy Spirit and examines the gifts of the Holy Spirit. Principles are interpreted in relation to a ministry in Nursing and leadership responsibilities of a Doctor of Nursing practice. Legal, ethical, and spiritual implications are explored.

### **GDNP 616**

#### **Advanced Pathophysiology 3 credit hours**

This course provides the advanced practice nurse with applied knowledge of human pathology across the life span including risk factors and symptomatology. Congenital, genetic and acquired diseases, disorders, and syndromes are explored within both chronic and acute contexts. This course fosters critical thinking and clinical decision-making by the nurse with the purpose of diagnosis and treatment.

### **GDNP 617**

#### **Advanced Health Assessment 3 credit hours**

This course prepares the advanced practice nurse with theoretical and clinical foundation essential to perform a comprehensive history and physical on clients of all ages, developmental states and diverse cultural backgrounds.

Implementation of assessment procedures and interpretation of findings support differential diagnoses and problem identification. Students will complete 30 clock hours of guided, supervised clinical laboratory for the semester.

**Prerequisite:** GDNP 616

### **GDNP 618**

#### **Advanced Pharmacology 3 credit hours**

This course focuses on clinical decision-making in the pharmacological management of common primary care conditions across the lifespan. Indications, adverse reactions, contraindications, dosage considerations, and administrative routes

are reviewed. Client considerations including culture, genetics, economics, education, and monitoring of drug as well as strategies for identifying current practices and guidelines are explored.

**Prerequisites:** GDNP 616 and 617

### **GDNP 620**

#### **Primary Care for Families I: Women's Health 3 credit hours**

This course builds on knowledge of health assessment, with a focus on needs of women and families during the reproductive and childbearing years. Content includes: assessment of health states, health promotion and disease prevention, health education, health maintenance and risk reduction strategies, nursing and medical management of common health problems common to individuals and families of childbearing age. Community health, cultural competency, genetics, and evidence-based practice concepts are integrated into the course. Theory of Nursing for the Whole person as well as family systems, teaching and learning theories, and behavior change theories are incorporated in the course. Students must register for the co-requisite clinical practicum course.

**Prerequisites:** GDNP 616, 617, and 618

**Co-requisite:** GDNP 621

### **GDNP 621**

#### **Primary Care for Families Practicum I: Women's Health 1 credit hour**

Practicum to implement and synthesize objectives of GDNP 620. Students perform in clinical areas prearranged with their faculty advisor. Real-time conferencing with preceptor or clinical faculty to validate impression and plan. Students complete 75 clock hours for this course.

**Prerequisites:** GDNP 616, 617, and 618

**Co-requisite:** GDNP 620

### **GDNP 622**

#### **Primary Care for Families II: Pediatrics 3 credit hours**

This course provides the scientific and theoretical foundation for providing culturally competent, comprehensive primary health care to infants, children and adolescents populations. Emphasis is on assessment of health states, nursing and medical management of common health problems, health education, health promotion and risk/disease prevention common to infants, children and adolescents in the context of the family. Community health and concepts of cultural, as well as ethical competencies are integrated throughout the course.

**Prerequisites:** GDNP 616, 617, 618, 620, and 621

**Co-requisite:** GDNP 623

### **GDNP 623**

#### **Primary Care for Families Practicum II: Pediatrics 2 credit hours**

Practicum to implement and synthesize objectives of GDNP 622. Students perform in clinical areas prearranged with their faculty advisor. Real-time conferencing with preceptor or clinical faculty to validate impression and plan. Students complete 150 clock hours for this course.

**Prerequisites:** GDNP 616, 617, 618, 620, and 621

**Co-requisite:** GDNP 622

### **GDNP 632**

#### **Primary Care for Families III: Adults and Older Adults 3 credit hours**

This course builds on previous coursework and provides students with the advanced knowledge and skills needed to assess and manage simple acute and chronic conditions prevalent in adults and older adults. Emphasis on evidence-based clinical decision-making, pathophysiology of disease processes, diagnostic procedures, and management of the clinical course of illness using both pharmacological and non-pharmacological modalities. Health promotion and illness prevention strategies, community health and concepts of cultural, as well as ethical competencies are also integrated throughout the course.

**Prerequisites:** GDNP 616, 617, 618, 620, 621, 622, and 623

**Co-requisite:** GDNP 633

### **GDNP 633**

#### **Primary Care for Families Practicum III: Adults and Older Adults 3 credit hours**

Practicum to implement and synthesize objectives of GDNP 632. Students perform in clinical areas prearranged with their faculty advisor. Real-time conferencing with preceptor or clinical faculty to validate impression and plan. Students complete 225 clock hours for this course.

**Prerequisites:** GDNP 616, 617, 618, 620, 621, and 623

**Co-requisites:** GDNP 632

### **GDNP 636**

#### **Primary Care for Families IV: Adults and Older Adults 3 credit hours**

This course builds on previous coursework and provides students with the advanced knowledge and skills needed to assess and manage complex acute and chronic

conditions prevalent in adults and older adults using both pharmacological and non-pharmacological modalities. Emphasis is on the care of mature and aging patients and families with complex acute and chronic health problems. The FNP as a collaborative member of the interprofessional healthcare team will be highlighted.

**Prerequisites:** GDNP 616, 617, 618, 620, 621, 622, 623, 632, 633

**Co-requisites:** GDNP 637

### **GDNP 637**

#### **Primary Care for Families Practicum IV: Adults and Older Adults 3 credit hours**

Practicum to implement and synthesize objectives of GDNP 636. Students perform in clinical areas prearranged with their faculty advisor. Real-time conferencing with preceptor or clinical faculty to validate impression and plan. Students will complete 225 clock hours of guided, supervised clinical laboratory.

**Prerequisites:** GDNP 616, 617, 618, 620, 621, 622, 623, 632, 633

**Co-requisites:** GDNP 636

### **GDNP 655**

#### **Transitioning to Advanced Practice Nursing Role 2 credit hours**

This course focuses on practice theories and their application to the multiple advanced practice nursing roles. Content includes professional issues, business concepts, models of health care delivery and practice in complex health care delivery systems. The independent and collaborative roles of the family nurse practitioner in primary care will be emphasized. Other topics include the Consensus Model, licensure vs certification, preparing for national certification, and applying for licensure and prescribing privileges at the state level.

### **GDNP 657**

#### **Advanced Skills Practicum .5 credit hour**

This course is onsite training for a variety of essential advanced practice skills including suturing, woman's health exams, incision and Drainage of wounds/cysts, and decubiti care.

**Prerequisites:** GDNP 616, 617, and 618

### **GDNP 700**

#### **DNP Independent Studies 1 – 3 credit hours**

This course is an optional course offered to students that have not completed the required minimum of 1,000 clinical hours to obtain the DNP degree. Each one credit hour offering provides the student 45

clinical hours. The student may take the course multiple times to achieve the necessary hours that will be added to the 500 research hours of the DNP program to total the required 1,000 clinical hours.

### **GDNP 712**

#### **Foundation of Leadership in Health Care 2 credit hours**

This course focuses on influencing health care systems by providing students with an understanding of contemporary organizational theories and their application for organizational change. Students will analyze and evaluate various organizational theories and their relationship to complex healthcare systems and effective leadership factors including: systems thinking, organizational culture, communication styles, resource utilization, ethics, and change models required to lead cost-effective quality and safety improvements within health care organizations and in an interdisciplinary environment.

### **GDNP 715**

#### **Evidence-Based Practice: The Nature and Application of Evidence 3 credit hours**

Students explore the philosophical foundations for nursing knowledge and evidence analysis methods relevant to the advanced practice nurse. We will examine methods by which nursing knowledge is generated, critical appraisal of evidence, and examine how nursing theories and theories from other disciplines inform nursing practice. Students will identify and analyze concepts relevant to their topic of interest. Students will complete 125 hours of indirect clinical practice experiences that provide students with opportunities to apply, integrate, and synthesize the DNP Essentials.

**Prerequisite:** GDNP 724

### **GDNP 718**

#### **Informatics for Scholarly Nursing Practice 3 credit hours**

This course provides an overview of informatics and the role it plays in the delivery of evidence based healthcare. We will explore the conceptual foundations for informatics in healthcare and focus on information technology's (IT) contribution to data acquisition, transformation of data into information and knowledge for scholarly practice and inquiry. We will address healthcare vocabulary, language systems, evolving trends such as the use of social media in health care, use of remote monitoring systems, simulation strategies, patient portals and patient generated health data. This course will prime the

student to optimize the use of clinical systems and technology tools in advance practice nursing and drive clinical transformation.

### **GDNP 724**

#### **Clinical Data Management and Analysis 3 credit hours**

This course provides a foundation for the critical evaluation, synthesis, and interpretation of published health sciences evidence including an overview of the appropriate use and interpretation of commonly used statistical techniques for generating that evidence. Students will engage in the interpretation and appraisal of data analyses for the selection and use of best evidence for making practical conclusions about empirical data. Students will develop data analysis plans for their projects with respect to alignment of purpose and methods.

### **GDNP 725**

#### **Integrative Application of Evidence-Based Practice I 3 credit hours**

This is the first of three progressive courses to provide students with a foundation for advancing and developing as a clinical scholar. This course builds on Evidence-based Practice: the Nature and Application of Evidence by preparing DNP students to evaluate evidence designed to improve clinical outcomes related to their identified topic of interest, and to translate the evidence into practice environments. Students will focus on the phases and components of developing a proposal and applying that knowledge to develop the initial chapters of the student's scholarly project proposal. Content includes formulating the problem of study; identifying a conceptual or guiding framework, critically appraising and synthesizing the relevant literature to support the study focus; and selecting and describing the methods and ethical considerations for the proposed study. All projects must focus on a change that impacts health outcomes, have a systems or population focus, demonstrate implementation in an appropriate area of practice, include an evaluation of innovation and/or outcomes and include a sustainability plan. Students will complete 125 hours of clinical experience. These hours may include direct clinical and/or indirect practice experiences that provide students with opportunities to apply, integrate, and synthesize the DNP Essentials.

**Prerequisites:** GDNP 715, 724,

**Prerequisite or Co-requisite:** GDNP 746

**GDNP 726****Evaluation Methods for Safety and Quality Improvement  
3 credit hours**

This course introduces students to basic factors of quality improvement science and prepares them to design, implement and evaluate evidence-based quality health care practices for patient populations in a variety of health care settings. Topics include fundamental principles of the patient safety movement, the conceptualization, planning, and principles to assure integrity of evaluation research studies; assessment of processes and measurement of outcomes; evaluation methodologies, and measures for determining clinical effectiveness. The course concludes with specialized communication methods (including scorecards and benchmark reports).

**Prerequisites:** GDNP 715, 724

**Prerequisite or Co-requisite:** GDNP 725 and 746

**GDNP 730****Epidemiology and Population Health  
3 credit hours**

Epidemiology is essential for projecting the population health needs, and appropriate allocation of public and private resources. This course introduces students to epidemiological concepts for disease prevention, surveillance and detection and prepares the student to use epidemiological strategies to examine patterns of illness or injury in groups of people. Concepts of health, risk and disease causality are examined. Implications for development of databased programs for disease/injury prevention and control as well as policy implications will be discussed.

**GDNP 742****Interdisciplinary Leadership and Role Development for EBP  
2 credit hours**

This course focuses on the multidimensional roles of the advanced practice nurse in various settings. We will emphasize the role of the doctoral prepared advanced practice nurse as a clinical scholar and discuss professional issues, models of health care delivery, and practice in an evolving health care environment.

**GDNP 746****Translational Research Methods: Design and Analysis for Evidence-Based Practice  
3 credit hours**

This course builds on previous courses to extend students' knowledge and skills to integrate research and knowledge into practice and evaluate the outcomes. Students will examine theoretical,

methodological, and ethical issues associated with translating research findings into practice across different healthcare settings. Using advanced program evaluation techniques and evaluation methods, students will design and evaluate clinical practice innovations.

**Prerequisites:** GDNP 715, 724, and 726

**Prerequisite or Co-requisite:** GDNP 725

**GDNP 750****Health Policy, Economics, and Finance  
3 credit hours**

This course provides students with an overview of the US health care policy, including analysis of: the political, institutional, cultural and economic environments in which policy is formed. Theory and application are integrated throughout the course and emphasis is on health care costs and financing, public health, health care quality, and Medicare and long-term care. Global, national, state, and local systems of financing health care will be compared.

**GDNP 811****Integrative Application of Evidence-Based Practice II  
3 credit hours**

This is the second in a series of three courses that provides students with mentored opportunities to develop and implement their scholarly projects. In this course, students will complete their proposals that they began in GDNP 725(Integrative Application of Evidence-Based Practice I) and implement the scholarly project to improve patient and population health outcomes. Content includes refining the problem of study; evaluating the proposed methods for suitability and practicality in conducting the proposed study, developing a plan for sustainability of the innovation, obtaining IRB approval, and implementing the project in a healthcare setting. Students will complete 125 hours of clinical experience. These hours may include direct clinical and/or practice experiences that provide students with opportunities to apply, integrate, and synthesize the DNP Essentials.

**Prerequisites:** GDNP 715, 724, 725, 726, and 746

**GDNP 813****Integrative Application of Evidence-Based Practice III  
3 credit hours**

This is the third course in the series of the integrative application of EBP. In this course, students will implement and evaluate their projects. Content includes implementing the project, evaluating the process and the

results for suitability and practicality in clinical practice, and disseminating the results in appropriate language to professional and community audiences. Students will complete 125 hours of clinical experience. These hours may include direct clinical and/or practice experiences that provide students with opportunities to apply, integrate, and synthesize the DNP Essentials.

**Prerequisites:** GDNP 715, 724, 725, 726, 746, and 811

**Graduate Elementary School Education (GELE)****GELE 544****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 a reading/language arts instruction in an elementary classroom. Includes a 30-hour practicum.

**General Studies (GEN)****GEN 099****Whole Person Assessment  
0 credit hours**

Orients the student to the University outcomes, philosophy of assessment, and the electronic portfolio. Acquaints the student with the technology skills needed for the ePortfolio.

**Whole Person Assessment fee:** \$70.

**GEN 101****Prior Learning Assessment  
3 credit hours**

A study designed to assist the student seeking college credit for prior learning experiences. Defines experiential learning and examines the steps of the assessment process. Guides the student through the first draft of a prior learning assessment portfolio. (The course is a prerequisite to applying for prior learning assessment and credit. Offered only through distance learning.)

**GEN 111****University Success  
3 credit hours**

Combines theory and practice in learning skills needed for success in college and life, such as study skills, time management, building relationships, and managing money.

**GEN 114****Online Learning Strategies****3 credit hours**

A study designed to orient the student to the online 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 an online learning program. Also acquaints the student with the nature, philosophy, and lifestyle of ORU.

**Whole Person Assessment fee:** \$70

**GEN 150****Introduction to Whole Person Education****1 credit hour**

This course orients students to the Whole Person Education philosophy with an overview of the ORU University Outcomes: (1) spiritual integrity, (2) personal resilience, (3) intellectual pursuit, (4) global engagement, and (5) a bold vision, by providing guidance needed for success in college, introducing students to the basic tenets of health fitness, and acquainting students with the technological skills needed for the Whole Person Assessment process.

**Prerequisites:** Medical Assessment (completed as part of the application process)

**Course Fees:** \$70 Whole Person Assessment fee, \$150 GEN 150 fee

**GEN 301****Global Development and Sustainability****3 credit hours**

A survey of various global systems threatened by human misuse, contamination, and lack of understanding for how sustainability can be understood in its broader (proper) context. Starting with an ethical focus, this course discusses strategies and tools that might be used to optimize social ('people'), environmental ('planet'), and economic ('profit') that impact people around the world, particularly protecting vulnerable culture groups and restoring damaged ecosystems for long term livelihood of all people. This course is discussion-based and interdisciplinary in format hence suitable for all students to take. (Equivalent Course: EVR 201.)

**GEN 304****Health Psychology****3 credit hours**

An overview of the holistic foundations of health psychology, focusing on the

biological foundations of health and illness, stress and coping strategies, disease prevention, addictions, chronic and life-threatening illnesses, managing pain, seeking treatment, and understanding the role of psychology in health care settings. (Equivalent Course: PSY 304.)

**Prerequisite:** PSY 201

**GEN 307****History of Women: The Journey of Empowerment****3 credit hours**

This course is a study of family, work, and community experiences of women in American history, including some history of European and African women in the United States. We will explore the various female ethnic groups and compare them to each other to establish how each group balanced their quest for empowerment.

**Prerequisites:** (GOV 101, GOV 103, HIS 111, or HIS 200) and (ART 103, ART 104, ART 307, DANP 125, DRAM 215, HUM 201, HUM 202, HUM 203, HUM 204, HUM 333, or MUS 130)

**GEN 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.

**Prerequisites:** COM 101 and COMP 102

**GEN 314****The Mystery of Sound****3 credit hours**

This interdisciplinary course explores the science behind the music we listen to and worship with. Students will learn about the role waves and frequencies play in music and their everyday lives through lecture, videos, hands-on labs, and discussions. They will discover different ways sounds are made, and gain understanding about some of the spiritual implications of vibrations and frequencies. (Equivalent Course: MAT 314.)

**GEN 318****Global Leadership****3 credit hours**

Prepares students to understand the field of global leadership studies and orients them toward effective leadership skills for working, managing and leading in a multi-national corporation and in dispersed global teams. The course seeks to develop cultural intelligence in the student for leadership and management in cross-cultural contexts. (Equivalent Course: CHRM 318).

**GEN 322****Leading through Disaster****3 credit hours**

Prepares students to lead their community, organization, or business through various forms of disaster. Throughout the course students will develop to the skills and knowledge necessary to create preparedness and continuity plans to improve resiliency to natural and human-caused disaster. The course will also address the leadership challenges when enacting those plans and dealing with the immediate response to a disaster and the activation of disaster planning. The course focuses on two of the four components of the disaster response cycle, preparedness and response, and will compliment other classes at ORU on disaster relief, emergency management, or risk management.

**GEN 332****Campaigns and Elections****3 credit hours**

Surveying contemporary American political campaigns and elections. Students examine and participate in the campaign process and election cycle from the perspectives of political campaigns/candidates, campaign professionals (including advertising, marketing and engagement), the mass media, and the voter.

**Prerequisites:** Completion of the ORU General Education civics requirement and the completion of one of the following: math or communication requirement.

**GEN 333****Science Travel Studies****3 credit hours**

Foreign travel with college of science and engineering faculty or other pre-approved trip abroad that provides a first-hand encounter with the science, culture, and history of a nation or region of the world. During the trip, the student will visit science-related and technology-related sites and hear lectures explaining the contribution to science of each region they visit.

**GEN 342****Europe Today****3 credit hours**

An introduction to the governmental, economic, religious, geographic, and cultural realities in Europe that shape Europeans today. Examines current events and news in Europe from a contextualized perspective. Explores what God is doing in the continent of Europe today. (Equivalent Course: HUM 342.)

**GEN 343****Middle East Today****3 credit hours**

This course will introduce students to important aspects of the Middle East from its history, economics, social and cultural structures, political systems, and the current status of the region. The class will address middle-eastern countries individually and the region as a whole. The course will focus on assisting students understand the region and its complexities. The student will develop Christian character and worldview through spiritual formation exercises.

**Prerequisites:** (GOV 101, GOV 103, HIS 111, or HIS 200) and (ART 103, ART 104, ART 307, DANP 125, DRAM 215, HUM 201, HUM 202, HUM 203, HUM 204, HUM 333, or MUS 130)

**GEN 355****Monotheistic Religion: Conflict and Convergence****3 credit hours**

Provides an overview of major monotheistic religions. Examines the historical development, beliefs and practices of the three main branches of Christianity. Explores issues of conflicts and convergences between these branches both in the past and present. Describes the history, beliefs and practices of other monotheistic faiths as well. Explores the conflicts and convergences between these other faiths and Christianity in both the past and present. Explores points of convergence that could help facilitate transform of conflicts in society.

**GEN 356****Biomedical Ethics****3 credit hours**

This course examines the ethical issues emerging from advances in biology and medicine, principally technologies that are applied to human life and reproduction. Bioethics is an intrinsically interdisciplinary field inviting perspectives from science, philosophy, theology, law, history, and psychology to participate in the conversation concerning how medicine and modern technology have impacted society and what limitations should be placed on its use. Bioethics is concerned with questions about basic human values such as the rights to life and health, the moral implications of certain technologies, and society's responsibility for the life and health of its members. These topics are considered from a Christian perspective. This course would be ideal for pre-medicine and pre-health profession students, but also pre-law, nursing, and theology majors would also

find this course beneficial. (Equivalent Course: BIO 456.)

**Prerequisites:** COMP 102 and 4 credit hours of a Lab Science

**GEN 365****Introduction to the Parables of Jesus****3 credit hours**

A specialized course of research and development of knowledge and skills in the parables of Jesus with applications to the contemporary world. This course examines the genre of parable in the ancient world. It also describes the parabolic method of Jesus. The class will examine the meaning of the parables for the original hearers in their ancient Near Eastern culture, which was, in effect, a developing nation or "third world" culture. His parables demand application to contemporary problems such as helping the poor, the beginning and ending of life issues, use of resources, and economic issues. A major part of the course will examine and interpret selected parables of Jesus. In addition to viewing all the parables of Jesus, the students will learn to affirm, redeem, confront and correct contemporary issues and world-views.

**Prerequisite:** BLIT 122 or BIB 261

**GEN 375****Healing Teams: A Global Course****3 credit hours**

The Global Healing Teams Training (GHTT) course is a capstone whole person general education course that prepares students for participation on domestic and international healing team trips. The course addresses the mind, body, and spirit with an emphasis on applied learning in a global classroom. The ultimate goal of the GHTT course is to prepare students for field research and implementation of real world projects on healing teams. (Equivalent Course: BUS 375).

**GEN 377****Christian Worldview, Culture, and Apologetic****3 credit hours**

An examination of the history, nature, and function of belief structures and their effect on culture, specifically the distinctly Christian worldview based on foundational biblical themes such as creation, humanity is God's image, sin and the fall of man, evil, redemption, and restoration. Compares and contrasts various worldviews using the philosophical categories of metaphysics and epistemology. Surveys shift in worldviews over time and teaches practical Christian apologetics as a response to these changes.

**Prerequisite:** (BLIT 111, BLIT 122, BIB 222, or BIB 261) and (THE 104 or THE 105) and (ART 103, ART 104, ART 307, DANP 125,

DRAM 215, HUM 201, HUM 202, HUM 203, HUM 204, HUM 333, or MUS 130)

**GEN 380****Israel: The People and the Land****3 credit hours**

This course engages students in critical reflection on the people and the land of Israel in regards to biblical interpretation, history, geography, archaeology, environmental science, theology, international relations, and the quest for peace. (Equivalent Course: THE 380).

**GEN 401****Communication Ethics****3 credit hours**

"A. An overview of foundational ethical systems and application of those to a variety of professional settings and personal communication contexts.  
B. The course interweaves theory and practice in four interrelated units. Unit I explores the nature and origins of ethical systems, and objectives include identifying historical sources, basic principles, and theoretical application of each ethical system studied. Unit II explores application of ethical systems to different contexts in personal life, such as deception, apologies/forgiveness. Associated communication theories will be examined. Application of specific ethical systems to private life will be the objective, and will be assessed through a reflection paper. Unit III will focus attention on ethical considerations that may arise in professional settings. This objective will be assessed through group presentations and discussion. Unit IV will address ethical performance in public life, with a focus on social media and political participation, and assessment will be demonstrated through online posts." (Equivalent Course: COM 401.)

**Prerequisite:** COM 101

**GEN 415****Science and Christian Philosophy****3 credit hours**

This course is team (2 instructors) taught inter-disciplinary upper division general education study of the philosophy of science, which includes a general understanding of philosophy and its influence on natural sciences. Special emphasis will be placed on the science and philosophy of origins, scientific ethics, Western scientific thought and its influence on Christian thought and practice, and the formulation of a Charismatic evangelical response and perspective on the Western scientific enterprise.

**GEN 420****A Biblical Approach to Middle Eastern Religious Literature****3 credit hours**

This interdisciplinary course will conduct a comparative analysis of the Bible and the Qur'an with an eye toward observing differences in the depiction of leading characters, theological tenets, religious practices, and political theology. Careful attention will be given to passages in the Qur'an which are touchstones for Islamic attitudes toward Judaism and Christianity. The class will evaluate the significance of these attitudes for contemporary Islamic political thought and terrorism. (Equivalent Course: THE 420).

**GEN 430****Peace Building, Communication and Culture****3 credit hours**

"This course will provide students with frameworks, models, patterns and strategies for effectively leading peace building across cultures. Peace making acknowledges a process that increasingly takes place in internal and external contexts of high diversity, migration, and globalization. To effectively be involved in peace building, future professionals must sensitively and adequately engage cross cultural dynamics of communication.

The course also builds on the founding purpose of the University in its commitment to healing and leadership in an ever-hurting globalized world."

**Prerequisites:** COM 101 and (GOV 101, GOV 103, HIS 111, HIS 112, or HIS 200)

**GEN 434****Game Theory and Politics****3 credit hours**

This course introduces game theory, the influence that it has on political science, and its practical applications in political planning and decision making. Through lecture, illustrative examples, and discussion of political, social, and economic phenomena, students will learn how strategic actors use game theory to enhance their political strategy and decision-making process.

**Prerequisites:** MAT 232 or MAT 325 and Civics Elective.

**GEN 999****Scaffolded Interdisciplinary Course Elective****1-9 credit hours**

Course transferred to apply to an ORU major or minor. (More than one course can be transferred under this number.)

**Restriction:** Approval by petition to department chair.

**Graduate Entrepreneurship (GENT)****GENT 525****New Venture Creation****2 credit hours**

The purpose of the course is to provide an immersive learning experience for students to develop entrepreneurial thinking and skills required to launch a new venture. Students will learn and apply frameworks and methods such as the business model canvas, lean startup, rapid prototyping and minimum viable product in order to experience the entrepreneurial journey from the ideation stage to developing a strategy and raising capital. (Equivalent Course: ENT 325)

**GENT 545****Creative Thinking****2-3 credit hours**

An introduction to the modern practices of creative thinking in all areas of the business environment. (Equivalent Course: BUS 345.)

**GENT 550****Entrepreneurship****2-3 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. (Equivalent Course: ENT 300.)

**GENT 551****Global Sustainable Business****2 credit hours**

Global Sustainable Business examines how organizations and entrepreneurs can sustainably earn profits while alleviating poverty by targeting emerging markets in developing countries. The focal point is the benefits that sustainable capitalism, free markets, and entrepreneurship can have on impoverished communities and developing nations. (Equivalent Course: ENT 350.)

**GENT 575****Social Entrepreneurship****2-3 credit hours**

Social entrepreneurship challenges students to think outside the box of traditional charity and nonprofit models to tackle some of the world's greatest problems by harnessing the power of business. In addition to applying business practices to solve wicked social issues, students integrate kingdom principles and discipleship approaches with social entrepreneurship to develop a

transformational economic model. (Equivalent Course: ENT 375).)

**GENT 576****Startup Bootcamp****2 credit hours**

Startup Bootcamp is the first of two capstone courses for the Entrepreneurship major. This course develops the analytical and conceptual skills necessary to develop a formal business plan for the implementation of the capstone business venture. Business plan concepts include marketing, management, operations, accounting and finance. In addition to variety of teaching methodologies, the course includes coaching from experienced entrepreneurs. (Equivalent Course: ENT 475)

**Prerequisites:** GENT 525, 550

**GENT 599****Launch Pad****2 Credit Hours**

Launch Pad is the second of two capstone courses for Entrepreneurship majors. The course covers all of the critical elements of launching a new venture. Students enter the course with a completed business plan from the fall capstone course - Startup Bootcamp. The Launch Pad then takes students through steps of the launch process so they have an established new venture by the end of the course. (Equivalent Course: ENT 499).

**Prerequisite:** GENT 576

**GENT 999****1-6 credit hours**

Course transferred to apply to an ORU major or minor. (More than one course can be transferred under this number.)

**Restriction:** Approval by petition to department chair.

**Geography (GEO)****GEO 215****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. (Equivalent Course: PSC 215.)

**Co-requisite:** GEO 215L.

**GEO 215L****Principles of Earth Science Laboratory****1 credit hour**

Lab exercises to supplement GEO 215 Lecture. (Equivalent Course: PSC 215 Lab.)

**Co-requisite:** GEO 215.

## Graduate English as a Second Language

### **GESL 501**

#### **TESL Methods and Materials**

#### **3 credit hours**

A survey and production of TESL techniques and teaching materials. Students receive training in presentation procedures used to teach ESL effectively, including the use of audiovisuals and personal computers

**Equivalent Course:** ELL 343

### **GESL 504**

#### **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.

**Equivalent Course:** ELL 393

### **GESL 505**

#### **Cross-cultural Communication**

#### **3 credit hours**

An overview of the field of cross-cultural communication, including theories and models, major concepts, terminology, and current research. Also emphasizes effective interpersonal communication, teaching in the multicultural classroom, and developing within the student the skills needed to effectively communicate cross-culturally.

**Equivalent Course:** ELL 413

### **GESL 513**

#### **Structure of Modern English**

#### **3 credit hours**

A study of the structure of modern English through the analysis of conventional grammar and usage. Focuses on verbs and the form and function of words, phrases, and clauses. Compares and contrasts sentence structure and language variation from both descriptive and prescriptive viewpoints. Uses a linguistics approach to the analysis and structure of English.

**Equivalent Course:** ELL 304

### **GESL 515**

#### **Descriptive Linguistics**

#### **3 credit hours**

A general introduction to the field of descriptive linguistics, including phonetics, morphology, and syntax, especially as they relate to the second language teacher.

**Equivalent Course:** ELL 315

### **GESL 516**

#### **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.

**Equivalent Course:** ELL 353

## 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 503**

#### **Money and Banking**

#### **3 credit hours**

A study of money and its functions, institutional banking, central banking, and the operational aspects of monetary policy. 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 including debt modeling and credit analysis. (Equivalent Course: FIN 303)

### **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. Equivalent Course: FIN 428.)

### **GFIN 561**

#### **Capital Markets**

#### **2-3 credit hours**

An introduction to the methods of securing growth financing through domestic and global private capital markets. (Equivalent Course: 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 567**

#### **Financial Markets and Institutions**

#### **3 credit hours**

Covers financial markets and institutions, including money, debt, security, equity, and derivative markets; the connection between commercial banking and the financial markets; investment banking and the role of other financial intermediaries in the financial markets; and the flow of funds between sectors. (Equivalent Course: FIN 467)

### **GFIN 568**

#### **Portfolio Management**

#### **3 credit hours**

A study of portfolio management including theoretical and practical approaches to portfolio management; the connection between the organization and operation of the securities markets upon portfolio management; the relationship between risk and return; the construction of bond and equity portfolios; the connection between asset pricing and portfolio management; optimal portfolio allocations including the

role of derivatives, options, and non-financial assets; the evaluation of portfolio performance; and the function, structure, and operation of mutual fund, pension fund, and endowment or trust portfolios. (Equivalent Course: FIN 468)

### **GFIN 572**

#### **Principles of Estate Planning 2-3 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 costs, fees, taxes, and time delays associated with the transfers of those various ownerships and the related tax implications. (Equivalent Course: FIN 472.)

### **GFIN 999**

#### **Finance Elective 1-6 credit hours**

Course transferred to apply to an ORU major or minor. (More than one course can be transferred under this number.)

**Restriction:** Approval by petition to department chair.

## **Graduate Higher Education (GHED)**

### **GHED 599**

#### **Educational Concepts 0.5 credit hours**

A leveling course introducing fundamental concepts and terms in education.

### **GHED 600**

#### **Fundamentals of Scholarly Writing 3 credit hours**

This course will provide students with an overview of the techniques necessary for graduate-level written analysis. Include an emphasis on the importance and necessity of grammatical and mechanical correctness, APA documentation (only as needed), appropriate language, expression, transitions, paragraph development, and logical organization.

### **GHED 601**

#### **Philosophy of Education 3 credit hours**

An overview of various philosophies of education with emphasis on their implications for educational theory and practice. Includes a critical analysis of contemporary educational problems and issues using the tools of history and philosophy, and culminates with articulating a personal philosophy of education.

### **GHED 602**

#### **Culturally Responsive Education 3 credit hours**

Prepares educational leaders to develop the knowledge skills and abilities commensurate with culturally responsive teaching, equity literacy and syncopated vs synchronized caring. Students will be provided with strategies to engage communities in a culturally responsive way at the professional and personal level. Students will learn how to apply culturally responsive practices in the community, curriculum, and classroom.

### **GHED 603**

#### **Research I: Systematic Inquiry 2.5 credit hours**

Designed for the novice researcher, instruction in becoming informed, critical, and literate consumers of research. Prepares graduate students to identify a conceptual framework and develop a research question, build arguments supported with evidence, make informed design decisions, engage in reflective, ethical practices, and determine a topic for the capstone project.

### **GHED 700**

#### **Scholarship and Transformation: Introduction to Doctoral Studies 3 credit hours**

An introduction to the requirements of the educational doctorate, scholarly practice, and the elements of transformational learning and auto-ethnography as tools for reflection and lifelong learning.

### **GHED 701**

#### **Effective Leadership 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. Program completers demonstrate the capability to promote the success and wellbeing of each student, teacher, and leader by applying the knowledge, skills, and commitments necessary for professional norms, ethical behavior, and responsibility.

### **GHED 702**

#### **Strategically Leading Organizations 3 credit hours**

An examination of the nature and behavior of educational organizations, including an overview and analysis of the change process with emphasis on various strategies for leading change.

### **GHED 703**

#### **Research II: Educational Research Methods 2.5 credit hours**

An examination of quantitative, qualitative, and mixed-methods in educational research. Prepares students to select an appropriate methodology to respond their research question.

**Prerequisite:** GHED 603.

### **GHED 704**

#### **Effective Communication Strategies for Educational Leaders 3 credit hours**

Communication strategies and techniques with emphasis on professional speaking and written communication; training in public communication techniques and strategies; and improvement of communication styles; use of technology, communication with public media, and data presentation.

### **GHED 803**

#### **Research III: Program Evaluation 2.5 credit hours**

An introduction to major theoretical evaluation paradigms, with connections to evaluation practice. Guidance for conducting large- and small-scale evaluations. Students will learn about how theory informs methodological choices. There will be balanced coverage of quantitative, qualitative, and mixed methods approaches.

**Prerequisites:** GHED 603, GHED 703.

### **GHED 804**

#### **Executive Leadership in Higher Education: Organization and Administration 3 credit hours**

Examines the scope of the organization and administration of higher education institutions. Develops and refines competencies to enhance leadership skills and performance.

### **GHED 805**

#### **Teaching and Learning in Higher Education 3 credit hours**

The practice of teaching in higher education, including principles of learning, planning, instructional strategies, assessment, and classroom management in a variety of teaching environments. Considers diversity, characteristics of traditional and nontraditional students, and the ethics of teaching.

### **GHED 806**

#### **History and Future of Higher Education 3 credit hours**

Examines the connections between the history of higher education and current practices. Explores contemporary trends and emerging critical issues.

### **GHED 807**

#### **Policy Analysis and Legal Issues in Higher Education**

##### **3 credit hours**

A review of current educational policy, legal issues, policy analysis, and strategies to effect change in colleges and universities. Consideration is given to legal implications for the operation and administration of Christian and public colleges and universities.

### **GHED 808**

#### **Finance in Higher Education**

##### **3 credit hours**

A study of the financial and economic considerations of both private and public higher education. Examines sources of funding, control of expenditures, general principles of financial administration, and reviews financial accounting and audit procedures.

### **GHED 809**

#### **The College Student**

##### **3 credit hours**

A study of the characteristics of contemporary college students to inform policy and practice for administrators and teachers in higher education. Topics include theories of adult lifespan and student development, generational cohorts, spirituality, and socio-cultural factors impacting student life. Creating institutional and learning environments that foster growth for all students.

### **GHED 810**

#### **Teaching with Technology**

##### **3 credit hours**

Prepares students to teach in a higher education, digital learning environment. Focuses on principles of educational practice and the ISTE Standards. Reviews principles of professional and personal use of technology hardware and software.

### **GHED 811**

#### **Curriculum Design in Higher Education**

##### **3 credit hours**

Design and evaluation of higher education curriculum at the course, program, and institutional level. Includes curriculum alignment, needs assessment, establishing outcomes, structure, and delivery methods, and the influence of professional and accreditation standards. Also examines innovations in curriculum implementation globally.

### **GHED 903**

#### **Research IV: Capstone Seminar**

##### **2.5 credit hours**

This course guides candidates in completing elements of the doctoral capstone project, including the research question(s), conceptual framework, review of literature, and methodology. Course outcomes include a completed research proposal and approved IRB application.

**Prerequisites:** GHED 603, GHED 703, GHED 803.

### **GHED 904**

#### **Pre Dissertation Proposal**

##### **0.5 credit hours**

The Pre Dissertation Proposal course is taken in combination with all four Research courses. Each offering is for 0.5 credit for a total of 2 credits. This course supports each of the four Research courses in developing a research topic and mythology for the candidate's dissertation. Candidates will work with the Research course faculty and their Dissertation Chair as they progress through the research and dissertation process.

### **GHED 905**

#### **Doctoral Capstone/Dissertation**

##### **2 credit hours**

This is the final component of the educational doctorate. Requires the application of research skills within a theoretical framework to arrive at practical solutions to significant educational problems in the candidate's area of emphasis. Candidates will enroll in two 2 credit hours of Doctoral Capstone/Dissertation courses.

**Prerequisites:** GHED 903, successful completion of the qualifying exam, and all required coursework.

## **Graduate Health and Physical Education (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. (Equivalent Course: GHPE 703 and GHPE 903.)

**Prerequisite:** 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. Equivalent Course: GHPE 715, GHPE 915.)

**Prerequisite:** GHPE 503, GHPE 703 or GHPE 903.

### **GHPE 525**

#### **Graduate Walk for Fitness**

##### **0.5 credit hour**

A course designed for graduate students who need a walking program and field test. (Equivalent Course: GHPE 725, 925.)

**Prerequisites:** 002 or GHPE 503, GHPE 703 or GHPE 903.

### **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. (Equivalent Course: GHPE 503 and GHPE 903.)

**Restriction:** Doctor of ministry student and medical assessment.

**Course fee:** \$150

### **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. Equivalent Course: GHPE 515, GHPE 915.)

**Prerequisites:** GHPE 503, 703, or 915

**Restriction:** 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. (Equivalent Course: GHPE 525, 925.)

**Prerequisites:** GHPE 503, 703, or 903

**Restriction:** Doctor of Ministry student.

### **GHPE 903**

#### **Graduate Health Fitness**

##### **1 credit hour**

Designed to develop 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, musculoskeletal fitness, and stress management. Includes consumer health information and a

required weekly physical activity lab.  
(Equivalent Course: GHPE 503 and GHPE 703.)

### **GHPE 915**

#### **Graduate Aerobics**

##### **0.5 credit hours**

A flexible course designed to help graduate students meet the ORU fitness and lifestyle requirement. No walking or modified Field Tests allowed. (Equivalent Course: GHPE 515 and GHPE 715)

**Prerequisites:** GEN 150, HPE 155, and HPE 400 or HPE 001 and 002, or GHPE 503/GHPE 703/GHPE 903

**Restriction:** Graduate standing

### **GHPE 925**

#### **Graduate Walk for Fitness**

##### **0.5 credit hours**

A course designed for graduate students who need a walking program and field test. (Equivalent Courses: GHPE 525, 725.)

**Prerequisites:** GEN 150, HPE 155 and HPE 400; or HPE 001 and HPE 002; or GHPE 503/703/903

**Restriction:** Graduate standing

### **GHPE 999**

#### **Graduate Health and Physical Education Elective**

##### **1-6 credit hours**

Course transferred to apply to an ORU major or minor. (More than one course can be transferred under this number.)

**Restriction:** 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. (Equivalent Course: FIN 460).

### **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. (Equivalent Course: MKT 361.)

### **GINB 580**

#### **Readings in International Business**

##### **3 credit hours**

Designed to facilitate the acquisition of advanced knowledge and skills relating to cultural adaptation, global strategy, and international policy. Readings include both classic and contemporary materials. Restriction: MBA students with international business concentration.

### **GINB 999**

#### **International Business Elective**

##### **1-6 credit hours**

Course transferred to apply to an ORU major or minor. (More than one course can be transferred under this number.)

**Restriction:** Approval by petition to department chair.

## **Master of Leadership (GLDR)**

### **GLDR 502**

#### **Graduate Orientation**

##### **0 credit hours**

This course introduces the student to action research at the master's level, their cohort, courses, and proven learning strategies.

### **GLDR 503**

#### **Empowered Leadership**

##### **2 credit hours**

Based on exemplars of healing and empowerment, such as Oral Roberts, Indira Gandhi, and Nelson Mandela, this course explores the interior dynamics of personal empowerment, from theological, psychological, educational, and social frameworks.

### **GLDR 513**

#### **Leadership Theory and Skills**

##### **3 credit hours**

Offers a comprehensive, integrative, and practical focus on leadership theories, applied to various levels of analysis, including individual, dyad, group, organizational, and public leadership. Students conduct workplace behavior and department culture assessments.

### **GLDR 523**

#### **Organizational Culture and Change**

##### **3 credit hours**

Examines the theory and practice of organizational behavior, culture, power, and conflict from the departmental to the institutional level. Students conduct a workplace survey to diagnose a group's current culture and preferred design, and offer a process for change.

### **GLDR 533**

#### **Leading Innovation and Technology**

##### **3 credit hours**

Enables students to use generic processes to design innovative business models that undergird social change through technological innovation. Topics include innovation theory and assessments, value proposition design, technology systems integration and innovation in execution-ready organizations.

### **GLDR 543**

#### **Ethical Leadership and Governance**

##### **3 credit hours**

In view of eroding trust in public and private leadership over the past decade, this course examines theories of moral disengagement, ethical frameworks, and governance at both the individual and institutional level.

### **GLDR 553**

#### **Thought and Sector Leadership**

##### **3 credit hours**

Explores how emerging leaders become recognized authorities inside and outside their organizations. Students identify their focus area, connect with external networks, demonstrate their expertise, and enact strategies to leverage their influence.

### **GLDR 593**

#### **Capstone Project**

##### **2 credit hours**

Students design an applied project, a publishable manuscript, or a research thesis that demonstrates their mastery of leadership and assesses the resulting gains and difficulties.

**Prerequisite:** At least 24 hours completed in the program, or permission from your advisor.

### **GLDR 595**

#### **Capstone Presentation**

##### **1 credit hour**

Students present their creative work at a leadership summit to faculty, alumni and industry partners. Prerequisite: GLDR 593

### **GLDR 603**

#### **Human Capital and Talent Development**

##### **3 credit hours**

Examines workforce practices that develop a sustainable internal talent pipeline. Explores how assessments and training are used to improve organizational behavior, alongside structural, interpersonal, and HR interventions.

### **GLDR 613**

#### **Leading Global Teams**

##### **3 credit hours**

Examines the theory and practice of inclusion and structure that creates high performing, cross-functional teams to solve organizational and community problems. Topics covered include LMX theory, project

management, collaboration tools and social production.

### **GLDR 623**

#### **Strategic Foresight and Planning 3 credit hours**

Examines how visionary teams frame, anticipate and shape the future, from scanning to planning, in today's global integrated economy. Students support decision-makers using foresight methodologies, whether horizon scanning, issues analysis or sector forecasts.

### **GLDR 683**

#### **Special Topics 1-3 credit hours**

A course created by the faculty on selected topics in leadership, not covered in the core curriculum. May be repeated twice for credit if subject matter is different.

## **Graduate Christian Ministry (GMCM)**

### **GMCM 502**

#### **Graduate Orientation 0 credit hours**

This course introduces the student to action research at the master's level, their cohort, courses, and proven learning strategies.

### **GMCM 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.

### **GMCM 510**

#### **Spirit-Empowered Ministry 2 credit hours**

An overview of the basic theological beliefs and lifestyle undergirding Oral Roberts University. The course analyzes the Biblical concepts and principles of the Person and work of the Holy Spirit. Examines the gifts of the Holy Spirit and indicates how contemporary Christians may personally relate to them. Provides a Biblical, theological, and practical examination of signs, wonders, miracles, and a lifestyle of giving and receiving in the life and ministry of believers.

### **GMCM 518**

#### **Introduction to Theology 3 credit hours**

Introduces the discipline of systematic theology and provides a comprehensive overview of Christian doctrines of revelation, God, creation, humanity, sin,

Christology, the atonement, the Holy Spirit, salvation, the Church and eschatology.

### **GMCM 549**

#### **Teaching Ministries 3 credit hours**

A study of the historical, philosophical, and psychological foundations of teaching. Integrates the theory and practice of educational ministry and guides the student in developing a philosophy of education appropriate for the Christian setting.

### **GMCM 551**

#### **Old Testament Synthesis 3 credit hours**

Examines the critical areas of Old Testament study that build on a historical-thematic understanding. Includes cultural, historical, and geographical background.

### **GMCM 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.

### **GMCM 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.

### **GMCM 593**

#### **Capstone Project 2 credit hours**

Students design an applied project, training workshop, or publishable manuscript that demonstrates their mastery of ministry course work and assesses the resulting gains and difficulties.

**Prerequisite:** At least 24 hours completed in the program, or permission from your advisor.

### **GMCM 595**

#### **Capstone Presentation 1 credit hour**

Students present their creative work at a ministry summit to faculty, alumni, and ministry partners.

**Prerequisite or Co-requisite:** GMCM 593

### **GMCM 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.

### **GMCM 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.

### **GMCM 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.

## **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 551**

#### **Executive Leadership Development 2-3 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. (Equivalent Course: MGT 443.)

### **GMGT 553**

#### **Organizational Behavior 2-3 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. (Equivalent Course: MGT 353.)

### **GMGT 556**

#### **Small Business Basics 2-3 credit hours**

A survey of management principles concerning planning, organizing, directing, controlling, and staffing at the organizational level in the small business environment. (Equivalent Course: MGT 422.)

### **GMGT 560**

#### **Conflict Resolution 2-3 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. (Equivalent Course: 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**

#### **Leadership of 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.

### **GMGT 585**

#### **Business Analytics 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.

**Prerequisite:** Prior computer course.

**Restriction:** Permission of department.

**User license:** \$30.

### **GMGT 586**

#### **Intermediate Business Analytics 3 credit hours**

Building on the statistical concepts of business decision making from Business Analytics, this course provides students with a basic understanding of data visualization principles, techniques, and best practices. Specifically, students will use Tableau software to create tables, graphs, and charts to visually explore data sets and summarize data for data exploration and reporting purposes.

**Prerequisite:** GMGT 585

### **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**

#### **Management Elective 1-6 credit hours**

Course transferred to apply to an ORU major or minor. (More than one course can be transferred under this number.)

**Restriction:** 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 2 or 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. (Equivalent Course: MKT 333.)

### **GMKT 534**

#### **Integrated Marketing Communications 2 or 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. (Equivalent Course: MKT 334.)

**Prerequisite:** GMKT 533

### **GMKT 546**

#### **Selling and Sales Management 2 or 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. (Equivalent Course: MKT 346.)

**Prerequisite:** GMKT 533.

### **GMKT 549**

#### **Marketing Analytics 3 credit hours**

This course will explore marketing concepts and practices in the light of research and statistical analysis techniques in order to provide a deliberate and scientific view of the process of establishing and implementing marketing and business strategy. Traditional media (print, radio, TV) will be studied along with digital media including the internet and social media. (Equivalent Course: MKT 449.)

**Prerequisites:** MKT 445

### **GMKT 550**

#### **Development of Nonprofit Organizations 2-3 credit hours**

An overview of marketing concepts, techniques, and promotional strategies as they pertain to nonprofit organizations. Topics covered include marketing, public relations, publicity, communications, market research, situational analysis, fundraising, resource development strategies, and entrepreneurship. Gives special consideration to managerial strategies required to sustain and enhance the resource base of nonprofit organizations.

### **GMKT 564**

#### **Marketing Management 3 credit hours**

An examination of marketing concepts, policies, and procedures related to consumer and industrial goods. Emphasizes analytical tools used to aid in marketing decision-making. Includes all aspects of marketing and provides additional depth and applications through case studies.

**Prerequisites:** MGT 130 and MKT 130.

**Prerequisite or co-requisite:** GBUS 574.

### **GMKT 999**

#### **Marketing Elective**

#### **1-6 credit hours**

Course transferred to apply to an ORU major or minor. (More than one course can be transferred under this number.)

Restriction: Approval by petition to department chair.

## **Global Ministry and the Marketplace (GMMP)**

### **GMMP 499**

#### **Senior Paper/Portfolio**

#### **3 credit hours**

Designed for seniors who, after completing 150 hours of business or missions internship experience, write a major paper that takes into account their internship experiences, philosophy of ministry and a research component that deals with a specialized area of business and missions.

**Prerequisites:** THE 217.

## **Graduate Nursing (GNUR)**

### **GNUR 501**

#### **Graduate Orientation**

#### **0 credit hours**

This course introduces the student to action research at the master's level, their cohort, courses, and proven learning strategies.

### **GNUR 502**

#### **Scholarship and Research**

#### **3 credit hours**

This course explores the role of the Master's prepared individual in scholarship and research. The utilization of translational processes will assist students in integrating prior learning with research and evidence based practice to critique evidence, apply and evaluate clinical guidelines, and improve practice, ultimately contributing to the body of scholarship. Theoretical and ethical principles related to scholarship and research are also explored.

**Prerequisites:** Admission to the Master of Science Degree Program or special permission

### **GNUR 506**

#### **Advanced Pathophysiology**

#### **3 credit hours**

This course provides the professional nurse with applied knowledge of human pathology across the life span including disease risks and symptomatology. Congenital, genetic and acquired diseases, disorders, and syndromes are explored within both chronic and acute contexts. Focus is on applying information in general practice, patient education, and nursing education.

### **GNUR 507**

#### **Advanced Health Assessment**

#### **3 credit hours**

This didactic health assessment course prepares the professional nurse with theoretical and clinical foundation essential to perform a comprehensive history and physical on clients of all ages, developmental states and diverse cultural backgrounds. Implementation of assessment procedures and interpretation of findings support clinical judgments and problem identification.

### **GNUR 508**

#### **Advance Pharmacology**

#### **3 credit hours**

This course focuses on common pharmacologic interventions in general nursing practice across the lifespan. Focuses on identification of therapeutic outcomes, adverse reactions, contraindications, dosage considerations, and administrative issues. Client considerations including culture, genetics, economics, education, and legal issues are explored.

### **GNUR 511**

#### **Immersive Technology and Informatics**

#### **3 credit hours**

This course prepares the student to ethically utilize technology and data to make informed decisions based on valid information relating to patient care, the effectiveness and efficiency of organizational systems, and the utilization of organizational resources. Nurse educators will understand how to use the technology and information it can provide to create immersive learning experiences. The information will build on their existing knowledge as well as provide a foundation for knowledge that is gained in succeeding courses.

**Prerequisites:** Admission to the Master of Science in Nursing Program or special permission

### **GNUR 512**

#### **Contextual Influences on Education**

#### **3 credit hours**

This course assists the student in the identification of ethical, societal, political and environmental factors that facilitate

and/or hinder the educational process for both the student and the educator. Critical analyses of the interrelationship among issues such as diverse populations, cultural sensitivity, health policy, resource allocation, ecological processes, etc. are performed to identify effective mechanisms of nursing practice to ensure optimal health care outcomes.

**Prerequisites:** GNUR 502

### **GNUR 513**

#### **Leadership and Systems Management**

#### **3 credit hours**

This course seeks to provide the student with an expanded knowledge of leadership processes necessary within various organizational systems associated with health care. Exploration of the health care delivery system, the role of the nurse leader and nurse educator as an agent of effective sustainable change, and implementation of appropriate behaviors stemming from a Christian Worldview, which foster inter-professional collaboration among health care disciplines, will be achieved.

**Prerequisite:** GNUR 502,

### **GNUR 516**

#### **Advanced Pathophysiology**

#### **3 credit hours**

This course provides the professional nurse with applied knowledge of human pathology across the life span including disease risks and symptomatology. Congenital, genetic and acquired diseases, disorders, and syndromes are explored within both chronic and acute contexts.

**Prerequisites:** Admission to the MSN program in Nursing Education or special permission

### **GNUR 517**

#### **Advanced Health Assessment**

#### **3 credit hours**

This health assessment course prepares the professional nurse educator with theoretical and clinical foundation essential to perform a comprehensive history and physical on clients of all ages, developmental states and diverse cultural backgrounds. Implementation of assessment procedures and interpretation of findings support differential diagnoses and problem identification.

**Prerequisites:** GNUR 516

### **GNUR 518**

#### **Advanced Pharmacology**

#### **3 credit hours**

This course focuses on clinical decision-making in the pharmacological management of common primary care conditions across the lifespan. Indications, adverse reactions, contraindications, dosage

considerations, and administrative routes are reviewed. Client considerations including culture, genetics, economics, education, and monitoring of drug as well as strategies for identifying current practices and guidelines are explored.

### **GNUR 575**

#### **Curriculum Design and Implementation 3 credit hours**

This course prepares the nurse in the role of educator. Emphasis is placed on structuring curriculum and teaching strategies that assure effective individual and group learning, safe clinical practice and a commitment to life-long learning. The integration of immersive learning principles and technologies throughout a curriculum are also emphasized.

**Prerequisite:** GNUR 502, GNUR 511, GNUR 512, GNUR 513

### **GNUR 580**

#### **Curriculum Evaluation 3 credit hours**

This course prepares the nurse educator to do effective assessment and evaluation of a curriculum. Once assessment and evaluation has been accomplished, quality improvement models are enacted to make changes and improve outcomes.

**Prerequisite:** GNUR 575, GNUR 502

### **GNUR 598**

#### **Teaching and Learning Capstone I 2 credit hours**

"This course synthesizes prior course concepts as students develop project proposals that incorporate teaching and learning principles. Projects will utilize best practices in nursing education while addressing issues of access to care, reduction of barriers, and/or improvement of health outcomes. Projects will also consider inter-professional collaboration, research evidence, health delivery systems, and clinical expertise across care environments in order to impact health of populations. This course requires 50 hours of practicum under an identified preceptor."

**Prerequisite:** GNUR 575, GNUR 580

### **GNUR 599**

#### **Teaching and Learning Capstone II 2 credit hours**

"This course synthesizes prior course concepts as students develop project proposals that incorporate teaching and learning principles. Projects will utilize best practices in nursing education while addressing issues of access to care, reduction of barriers, and/or improvement of health outcomes. Projects will also consider inter-professional collaboration, research evidence, health delivery systems,

and clinical expertise across care environments in order to impact health of populations. This course requires 50 hours of practicum under an identified preceptor."

**Prerequisite:** GNUR 575, GNUR 580

## **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 103**

#### **Introduction to Comparative Politics 3 credit hours**

A wide-ranging survey of the similarities and differences among major contemporary political systems and Biblical foundations for governance. Included are examinations of government and politics in mixed democracies, authoritarian governments, communist and post-communist countries, the newly industrializing states, and the less developed countries. This introduces students to the sub-field of Political Science known as Comparative Politics.

### **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 299**

#### **Introduction to Law 3 credit hours**

An introduction to the law and legal system of the United States, covering the basic history, structure, and methodology of the U.S. adversarial system of justice. Topics covered include administrative law, constitutional law, civil procedure, torts, contracts, family law, and criminal law.

### **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**

This course requires students to theoretically explore the question of how a Biblical, Christian, worldview should interact with an active, politically and civically engaged life and calling. Students critically explore commonly held and professed political ideologies through the lens of Christian political theory and Biblical, Christian morals and ethics in preparation for applying these ideals in the calling of government and politics.

### **GOV 336**

#### **Christian Faith and Government: Practice 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 342**

#### **Public Service Leadership**

##### **3 credit hours**

This class introduces students to the fundamental principles of leadership in public service. The course introduces future leaders to principles of organizational and personnel management, project planning and management, budgeting and financial management, and related topics. Students who could benefit from this course include those intending to serve in a government agency, a nonprofit organization, or be part of the leadership team in a church-related ministry. This course is designed to complement other offerings at ORU and students are encouraged to develop their skills in each topic with additional advanced course work.

### **GOV 369**

#### **Protocol and Diplomacy**

##### **3 credit hours**

Focuses on surveying the culture of the business and diplomatic worlds. Surveys the skills and behaviors generally associated with professionalism in both the public and private realms. Includes an analysis of the actions of several key leaders in the 20th and 21st centuries that is synthesized into a coherent diplomatic ethic.

### **GOV 370**

#### **Area Studies**

##### **3 credit hours**

Focuses on a specific area of the world, such as Asia or Latin America. Content varies. (May be taken up to three times for credit.)

### **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 449**

#### **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 450**

#### **American Jurisprudence**

##### **3 credit hours**

Examines the history, theory, and philosophy of American law from its Judeo-Christian roots to its modern secular incarnations.

### **GOV 451**

#### **American Constitutional Law**

##### **3 credit hours**

A study of the historical development and current application of the U.S. Constitution to the American Legal system using judgments of the Supreme Court in precedent-setting cases..

### **GOV 452**

#### **Civil Liberties, Civil Rights, and Social Justice**

##### **3 credit hours**

Examines basic American civil liberties, the historic origins of the civil rights movement, and the modern views of social justice in relation to the demands for a well-ordered society.

### **GOV 453**

#### **Criminal Law and 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**

#### **Legal Policy and Process**

##### **3 credit hours**

An introduction to the basic constitutional function of the court system. (This course is offered online only.)

### **GOV 455**

#### **Trial Advocacy**

##### **3 credit hours**

A foundational course in the development of logic, critical thinking, and argumentation skills in the courtroom setting.

### **GOV 457**

#### **International Law**

##### **3 credit hours**

Examines international law from a global perspective, identifying worldwide, state, organizational, and individual actors. Topics include jurisdiction, sovereignty, treaties, use of force, human rights, human trafficking, and the environment.

### **GOV 458**

#### **Legal Skills Internship**

##### **1-6 credit hours**

A practical application of legal skills including logic, critical thinking, and argumentation in a law office, courtroom or alternative dispute resolution system.

### **GOV 459**

#### **Legal Research and Writing**

##### **3 credit hours**

This course covers principles of legal research and writing. Teaches the foundational skills used the practice of law including identifying issues, locating cases and reporting their findings in client letters, memos, case briefs, and other legal documents.

### **GOV 461**

#### **Public Policy Analysis**

##### **3 credit hours**

A study of the intellectual frameworks used in the formulation and implementation of public policy, as well as the individuals responsible for making policy. Analyzes and evaluates contemporary political, social, and economic issues.

### **GOV 479**

#### **Readings in Government**

##### **1-3 credit hours**

An investigation of subjects dictated by student need and faculty expertise. Examples include "Campaigns and Political Parties," "Comparative Communism," and "Politics and Markets." (The course may be taken more than once for credit.)

### **GOV 487**

#### **Oklahoma Intercollegiate Legislature Internship**

##### **1-3 credit hours**

Designed to introduce the legislative process, including parliamentary debate, Roberts Rules of Order, and an overall knowledge of how to conduct oneself in a live legislative debate format. Oklahoma Intercollegiate Legislature (O.I.L.) is a mock legislative process conducted at the Oklahoma state capitol twice each year. Internships are available in local, state, national, and international organizations and government staff and agencies. (The number of credit hours and work required is

largely dependent upon faculty-student discussion and the internship requirements.)

### **GOV 488**

#### **Model United Nations Internship**

##### **1-3 credit hours**

An introduction to the function and role of the United Nations in international affairs; the practical application of the diplomatic process, including parliamentary debate; and an overall knowledge of how to conduct oneself in a live diplomatic debate format. The Model United Nations (M.U.N.) is a simulation of the general assembly process conducted in St. Louis in late February of each year.

### **GOV 489**

#### **American Studies Internship**

##### **1-3 credit hours**

An internship in a local, state, national, and even international organization. (The number of credit hours and work required is largely dependent upon faculty-student discussion and the internship requirements.)

### **GOV 499**

#### **Senior Paper**

##### **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.

### **GOV 999**

#### **Government Elective**

##### **1-6 credit hours**

Course transferred to apply to an ORU major or minor. (More than one course can be transferred under this number.)

**Restriction:** Approval by petition to department chair.

## **Graduate Professional Education (GPED)**

### **GPED 100**

#### **Graduate Education Seminar**

##### **0 credit hours**

Provides an opportunity to complete Graduate School of Education required documents, i.e. Admissions Rubric, Background checks, Professional Disposition Self-Evaluation, etc.

**Course fee:** \$70

### **GPED 505**

#### **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. (Equivalent Course: PED 305.)

### **GPED 506**

#### **Pedagogy II**

##### **4 credit hours**

A study of human life development from conception through adolescence with more emphasis on middle school secondary school students. Management of classroom routines and behavior interwoven into the course with information on assessing students learning. Includes a 20 hour practicum. (Equivalent Course: PED 306.)

**Prerequisite:** GPED 505.

### **GPED 584**

#### **Internship in K-12/Secondary Education**

##### **5 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 641**

#### **Instructional Methods and Strategies:**

##### **Secondary and K-12**

##### **3 credit hours**

A course assisting students in becoming reflective practitioners by exploring current issues in secondary education. Students learn and utilize various research-based instructional techniques, planning strategies, methods, and assessment practices for secondary schools. (Equivalent Course: PED 409.)

### **GPED 650**

#### **Student Teaching: Away**

##### **10 credit hours**

In-class observation, teacher assistance, and student teaching under the professional supervision of a university supervisor and a cooperating teacher in a school outside the Tulsa area. Teacher candidates engage in both curricular and extracurricular programs. Includes theories of education evaluation and testing. (Equivalent Course: PED 450.)

**Prerequisite:** Admission to the Professional Education Program and acceptance of student teaching application.

**Restriction:** Permission of the dean.

**Course fee:** \$1300.

### **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. (Equivalent Course: PED 465.)

**Prerequisite:** Admission to the Professional Education Program and acceptance of student teaching application.

**Co-requisite:** GPED 571.

### **GPED 670**

#### **Early Childhood Internship**

##### **2 to 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. (Equivalent Course: PED 475.)

**Prerequisite or Co-requisite:** GPED 571.

### **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. (Equivalent Course: 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 695**

#### **Student Teaching: 10-12**

##### **4 or 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. (Equivalent Course: PED 495.)

**Prerequisite:** GPED 571.

### **GPED 704**

#### **Seminar in Education**

#### **3 credit hours**

Provides an opportunity for candidates to hear special speakers from current, relevant areas, such as the State Department of Education and State Commission.

## **Graduate Special Education (GSED)**

### **GSED 501**

#### **Intro to Special Education and Dyslexia Strategies and Techniques**

#### **3 credit hours**

This course acquaints teacher candidates with the different principles, theories, and relevant laws and policies relating to exceptionalities and understanding how these influence professional practice, including assessment procedures, placements, methods, materials, and learning strategies from and divers and historical points of view. The intent of the course is to help educators to understand similarities and differences in human development and characteristics between and among individuals with and without exceptionalities. (A 15 - hour practicum is included).

### **GSED 505**

#### **Adapting Early Childhood Curricula for Children with Special Needs**

#### **3 credit hours**

This text is aim is to serve as a major resource for early educators, related services personnel, and faculty members who teach them, whether they are in child-care home, center, or classrooms. Emphasis is placed on assisting practitioner to identify the strengths that children and families bring to the programs and on involving families through family-centered, relationship-based approaches. These strategies can only be optimally implemented by planned coordination and collaboration among the many personnel who work in these settings, who come from a variety of disciplines such as special education, early childhood education, physical and occupational therapy, speech, and language pathology, psychology and counseling health services, and so on. It will blend developmental and recommended practices in the field, and learning theories, with practical suggestions for delivery of services to young children with special needs and their families.

### **GSED 506**

#### **Effective Practices for Core Content**

#### **3 credit hours**

The beginning special educator will learn to teach literacy, numeracy, and content subjects to individuals with exceptionalities who are often non-responsive. In their planning special educators will emphasize explicit instruction with modeling and guided practice to assure acquisition and fluency, as well as promote the development, maintenance, and generalization of knowledge and skills across environments, settings, and the life-span through approaches such as cross-curricular lesson planning. Special educators will enhance 21st century student outcomes such as critical thinking, creative problem solving, and collaboration skills for individuals with exceptionalities and increase their self-awareness and reliance, self-management and control, self-efficacy, and self-advocacy.

### **GSED 507**

#### **Assessment and Behavioral Intervention**

#### **3 credit hours**

Special educators will apply the understanding of measurement theory and practice for addressing issues of validity, reliability, norms, bias and interpretation of assessment result. Through a practicum, the special educator will monitor the learning progress of the individuals with exceptionalities both in the general classroom and specialized content and discuss with the cooperating teacher ideas for instructional adjustments based on the data and observations. Though the case study test results and scenarios, the beginning special educator will interpret the data and use assessment information to identify supports and adaptations required for individuals with exceptionalities to access the general education curricula and to participate in school, system and statewide assessment programs. They will integrate the results of assessment to develop long-range individualized instructional plan anchored in both general and special education curricula, and translate plans into carefully selected shorter range goals, objectives, and technologies to support their assessments.

### **GSED 508**

#### **Special Education Law and Ethics**

#### **3 credit hours**

Special educator will demonstrate an understanding of the history of special education, legal policies, ethical standards, and current legal issues in special education and how knowing this content informs the leadership of special education. The course

is designed to take each major aspect of the IDEA Law, safeguards, and then be given (five) current case studies per each section of the IDEA Law.

### **GSED 623**

#### **Issues, Trends, and Curriculum Modification in Special Education**

#### **3 credit hours**

Gives the student an understanding of adapting commercially prepared instructional materials and developing teacher-made materials to meet the unique needs of exceptional individuals. Emphasizes writing and implementing IEPs for both self-contained and mainstreamed placements. This course is a combination of field trips and outside club involvement with special needs students. (Includes a practicum. Offered in Summer Institute only.)

### **GSED 999**

#### **Graduate Special Education Elective**

#### **1-6 credit hours**

Course transferred to apply to an ORU major or minor. (More than one course can be transferred under this number.)

**Restriction:** Approval by petition to department chair.

## **Graduate Sport and Leisure Administration (GSLA)**

### **GSLA 502**

#### **Graduate Orientation**

#### **0 credit hours**

This course introduces the student to action research at the master's level, their cohort, courses, and proven learning strategies.

### **GSLA 520**

#### **Sport and Leisure Administration**

#### **3 credit hours**

Explores the social and developmental theories that undergird sports, recreation, and leisure sectors; examines the impact of sport-enterprises across athletic, recreation, fitness, entertainment, gaming and tourism sectors; and enables students to assess their skills as an emerging sport and leisure professional.

### **GSLA 525**

#### **Sports Marketing and Public Relations**

#### **3 credit hours**

Examines how sport organizations use social media, public relations and marketing campaigns to promote their brand, demonstrate

### **GSLA 535**

#### **Facility Operations**

#### **3 credit hours**

Examine elements and procedures in the planning, design, construction, operation, and maintenance of sport and leisure facilities, in conducting various types of events large and small, local and globally.

#### **GSLA 540**

##### **Sports Analytics**

##### **3 credit hours**

Examines how sport organizations use analytics to enhance athletic recruitment, team performance, and fan engagement, leading to better sport business and budgeting decisions.

#### **GSLA 550**

##### **Sport and Leisure Law**

##### **3 credit hours**

An overview of major legislation affecting leisure and sport management professions; how to operate within these laws; and methods for influencing new legislation. Also discusses political aspects of professions both outside and inside government agencies, locally and globally.

#### **GSLA 593**

##### **Capstone Project**

##### **2 credit hours**

Students design an applied project, a publishable manuscript, or a research thesis that demonstrates their mastery of sports and leisure administration and the resulting gains and difficulties.

*Prerequisite:* Advisor's permission.

#### **GSLA 595**

##### **Capstone Presentation**

##### **1 credit hour**

Students present their creative work at a leadership summit to faculty, alumni and industry partners.

*Prerequisite or Co-requisite:* GSLA 593 or advisor's permission.

#### **GSLA 610**

##### **Leading Sport Teams and Organizations**

##### **3 credit hours**

Examines the central roles people play in sport teams and organizations. Emphasizes the process of influencing the individual or group in an effort to achieve a common goal, and the managerial processes of planning, staffing, controlling, operating, and evaluating sport and leisure programs.

#### **GLSA 620**

##### **Special Topics**

##### **1-3 credit hours**

A course created by the faculty on selected topics in Sport and Leisure Administration, not covered in the core curriculum. May be repeated twice for credit if subject matter is different.

#### **GSLA 630**

##### **Directed Study**

##### **1-3 credit hours**

Allows the student to pursue a literature search and conduct a research project in that pertains to the degree program and is of interest to the student. Special activities and/or projects may be suggested by the professor.

#### **GLSA 640**

##### **Internship**

##### **1-3 credit hours**

Student involvement in a professional, academic or community internship that is approved, planned, and documented.

*Prerequisite:* Advisor's permission.

### **Graduate Theological and Historical Studies (GTHE)**

#### **GTHE 508**

##### **Signs and Wonders and the Healing Ministry**

##### **1-2 credit hours**

Providing 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 510**

##### **Holy Spirit Empowerment in Life and Ministry**

##### **2 or 3 credit hours**

An overview of the basic theological beliefs and lifestyle undergirding Oral Roberts University. The course analyzes the Biblical concepts and principles of the Person and work of the Holy Spirit. Examines the gifts of the Holy Spirit and indicates how contemporary Christians may personally relate to them. Provides a Biblical, theological, and practical examination of signs, wonders, miracles, and a lifestyle of giving and receiving in the life and ministry of believers.

#### **GTHE 516**

##### **Theology and History of Global Mission**

##### **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. (Equivalent Course: PRM 516.)

#### **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 research paper.

#### **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 519**

##### **Church History: An Introduction**

##### **3 credit hours**

An introductory study of the development of the Christian Church from the apostolic period to the present day. Examines major historical movements and theological issues and how Christians wrestled with various options open to them, thereby shaping the future direction of the Church.

#### **GTHE 539**

##### **Black Church History and Theology**

##### **3 credit hours**

An examination of the Black church, Black theology, and their contributions to the Kingdom of God and the Christian community. Examines the salvation experience of Black people, social issues, preaching, and worship.

#### **GTHE 551**

##### **Systematic Theology I**

##### **3 credit hours**

An introduction to Christian theology and an examination of the doctrines of revelation, God, creation, and humanity.

#### **GTHE 561**

##### **Systematic Theology II**

##### **3 credit hours**

An examination of the doctrines of sin, Christology, the atonement, the Holy Spirit, salvation, the church, and eschatology.

#### **GTHE 571**

##### **Church History I**

##### **3 credit hours**

A study in the development of the Christian church from the apostolic period to the Reformation. Examines the major historical movements and theological issues of the period, particularly the Christological controversies of the Early Church.

**GTHE 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. (Equivalent Course: PRM 573)

**GTHE 581****Church History II****3 credit hours**

A study designed to delineate and investigate the various lines of thought in the pre-Reformation, Reformation, and Protestant periods. Emphasizes the Reformation, its causes, development, and consequences.

**GTHE 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 institutions of ancient Israel. (Equivalent Course: GBIB 611)

**GTHE 621****Theology of the New Testament****3 credit hours**

A survey of the major themes and doctrines contained in the New Testament. Emphasizes the contributions of the various Biblical books to the unity of the New Testament. (Equivalent Course: GBIB 621)

**GTHE 622****The Doctrine of God****3 credit hours**

A study of the existence, essence, names, attributes, and tri-unity of God, with a view toward fully integrating these scriptural teachings into the worship and mission of the church.

**GTHE 624****Christian Apologetics****3 credit hours**

An examination of classical apologetical systems to determine their coherency and/or adequacy as defenses for the Christian faith. Specific attention is focused upon presuppositional apologetics.

**GTHE 631****Theological German****3 credit hours**

Studies the German language for reading knowledge. Designed for the student entering graduate studies.

**GTHE 632****Theological French****3 credit hours**

A reading course in theological French.

**GTHE 638****Contemporary Religious Cults****3 credit hours**

An examination of the theological and historical roots of the present-day cult movement. Analyzes various cults in contemporary America and focuses upon their unique doctrines as compared to Orthodox Christianity.

**GTHE 657****Theology of Martin Luther****3 credit hours**

An investigation of the life, thought, and influence of Martin Luther, with emphasis upon a firsthand knowledge of major theological issues of his ministry.

**GTHE 658****Biblical Authority****3 credit hours**

Analyzes the issue of the authority of the Bible in modern theology. The course provides a historical overview of the role of Holy Scripture in Christian theology and explores such concepts as inspiration, authority, infallibility, and inerrancy. Investigates related concerns such as canon, tradition, translation, hermeneutics, Biblical criticism, the witness of the Spirit, and proclamation as these impinge upon one's view of the authority of the Scriptures.

**GTHE 659****Ecclesiology: Church in the 21st Century****3 credit hours**

A study of the nature, forms, politics, marks, and functions of the church, including an examination of the church as a charismatic fellowship and the promise of a Trinitarian ecclesiology, with a view toward a practical vision for doing church work in today's world.

**GTHE 660****Ethics and Contemporary Issues****3 credit hours**

A discussion of current Biblical, theological, and pastoral issues in our culture with an attempt to motivate the Christian community to understand and act upon these issues.

**GTHE 661****Introduction to Christian Ethics****3 credit hours**

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

**GTHE 663****Charismatic Theology****3 credit hours**

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

**GTHE 670****Contemporary Theology****3 credit hours**

A survey of key theologians, movements, and issues in contemporary theology introduced by a brief historical overview of modern theology.

**GTHE 674****Denominational Politics****3 credit hours**

A survey of organizational and governmental structures of various churches and/or denominations.

**GTHE 675****The Early Church Fathers****3 credit hours**

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

**GTHE 676****The Age of Reformation****3 credit hours**

An investigation of the life and thoughts of the great leaders of the Protestant Reformation in the context of the socio-cultural developments of the 16th and early 17th centuries.

**GTHE 678****The Theology of Revival and Renewal****3 credit hours**

A study of the Biblical and theological foundations for both the continual renewal of the Church and periodic revivals within the Church, including historical perspectives.

**GTHE 681****Historical Theology****3 credit hours**

A survey of the theological issues and developments in the history of the Christian church. Considers issues and developments closely related to the people and events.

**GTHE 684****Reformed Theology****3 credit hours**

An investigation of the theology of the Reformed and Presbyterian Churches and

the theology of the sixteenth century French Protestant reformer. Gives special attention to the ideas of John Calvin and his Institutes of the Christian religion. Outlines the development of the Reformed heritage up to the present time.

### **GTHE 685**

#### **Christianity and Islam 3 credit hours**

An overview of Muslim faith and practice, with special attention to comparisons with Christianity and implications for Christian witness. Discusses and presents research on selected themes in theology and related fields.

### **GTHE 686**

#### **Theology of John Wesley 3 credit hours**

Studies the life and theology of John Wesley with special reference to the various influences affecting his doctrine of prevenient, justifying, and sanctifying grace.

### **GTHE 692**

#### **Pneumatology 3 credit hours**

Studies New Testament passages relating to the Pentecostal doctrine of the Baptism in the Holy Spirit. Gives particular attention to the Spirit's gifts or manifestations. Designed to provide a viable exegetical basis for a Pentecostal theology of Spirit baptism.

### **GTHE 694**

#### **The Pentecostal/ Charismatic Movements in Historical Perspective 3 credit hours**

A historical and theological overview and analysis of the roots and development of the classical Pentecostal movement, the healing revival, the Protestant charismatic movement, and the Catholic charismatic movement.

### **GTHE 696**

#### **Divine Healing: A Theological and Historical Study 3 credit hours**

An examination of the theological and historical roots of the doctrine and practice of divine healing from the apostolic period to the present, with special emphasis on the movement as it developed in America during the 19th and 20th centuries. Describes the special foundational relationship between the divine healing movement and the Pentecostal and charismatic movements.

### **GTHE 700**

#### **Post-Modernism and 21st Century Ministry 3 credit hours**

An exploration of various expressions of a post-modern mood in popular culture and in philosophy and theology. Investigates ways in which Christian ministry in the 21st century can be pursued in light of strengths and weaknesses in post-modernism.

### **GTHE 744**

#### **Seminar in Historical Studies 3 credit hours**

Discusses and presents research on selected themes in church history, historical theology, or related fields of interest.

### **GTHE 745**

#### **Seminar in Theological Studies 3 credit hours**

Discusses and presents research on selected themes in theology and related fields.

### **GTHE 749**

#### **Directed Study 3 credit hours**

Directed research and writing under the supervision of a faculty member on topics approved by the department and related to subject matter in the academic M.A. curriculum.

**Prerequisite:** Admission to the academic Master of Arts program.

### **GTHE 756**

#### **Thesis Research and Proposal 3 credit hours**

Designed to provide a Master of Arts in Theological-Historical Studies student with guidelines, requirements, and procedures for researching and writing an advanced research M.A. thesis. Emphasis is placed on extensive research and the completion of a written thesis proposal.

**Prerequisite:** Admission to the Master of Arts in Theological-Historical Studies program and the approval of the Associate Dean and the candidate's thesis committee.

### **GTHE 757**

#### **Thesis Writing 3 credit hours**

Research and writing of a thesis that reports, evaluates, interprets, and synthesizes the results of that research. The resulting thesis demonstrates a mastery of existing resources and knowledge in a specific area of discipline.

**Prerequisites:** GTHE 756; Admission to the Master of Arts in Theological-Historical Studies program and the approval of the Associate Dean and the candidate's thesis committee.

### **GTHE 758**

#### **Thesis Extension 0 credit hours**

This course is an extension of GTHE 757. For course description refer to GTHE 757.

### **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 769**

#### **Ethics of Jesus 3 credit hours**

An inductive research into the moral lifestyle of Jesus and its meaning for contemporary lifestyles. Examines traditional and modern approaches to the Sermon on the Mount and Jesus' enunciation of His mission in Luke 4:18. Includes the ethical Kingdom of God teachings of Jesus.

### **GTHE 905**

#### **Dissertation Defense 0 credit hours**

When the members of the dissertation committee deem that the student's dissertation meets the standards of the academy, his or her oral defense will be scheduled at a time most convenient for both the student and the committee. Often the defense will be conducted residually, but the defense can also be conducted via a long-distance (i.e., Skype, Robot, Zoom). If the student's dissertation defense is successful, the dissertation committee members will approve the dissertation by signing the approval page. The student will make any final revisions suggested at the defense.

**Prerequisite:** GTHE 995

### **GTHE 949**

#### **Directed Study 1-3 credit hours**

Directed research and writing under the supervision of a faculty member on topics approved by the program director, related to subject matter in the Ph.D. curriculum. (This course may be taken multiple times for credit.)

**Prerequisites:** PRFT 949

### **GTHE 951**

#### **History of Christian Doctrine**

**3 credit hours**

The course focuses on the historical development of Christian doctrine from the early church to the present. It will explore the body of literature pertaining to the history of Christian doctrine and thought overall, as well as the changing theological trajectories of the Pentecostal and charismatic renewal movements of the twentieth and twenty-first centuries. During the week-long residency, the professor will present in depth studies and students will refine their research proposals.

**Prerequisite:** GTHE 949

**GTHE 961****History and Methods of Contextual Theology****3 credit hours**

"The course examines the development of various models in taking socio-cultural and religious contexts as a critical element in the construction of context-specific theologies. The course also investigates contemporary scholarship of the discipline, including Constructive Theology. Theological reflection never occurs in a vacuum. It takes place in an ecclesial context as well as a cultural context. If the Church's fundamental identity is not self-bestowed but divinely given as a people redeemed and summoned to share in the mission Dei, God's mission to reach the world with the Good News of Christ, then theology is shaped by this missiological identity and is thus contextual. This course explores ways in which the Gospel can be faithfully articulated in the language and thought-forms of a given culture and in ways that address the needs and problems and longings of that culture."

**GTHE 962****Doing Theology in the Global Christian Context****3 credit hours**

"This course critically examines the four sources of theologization (scripture, church tradition, context, and experience) in the light of radical shift of global Christianity, and the post-Christendom and pluralistic age. The final outcome is the construction of a local contextual theology with a global consciousness. Due to the primary emphasis on the global context of Christianity, inquiries will be made on the shaping of the "'received'" theological paradigm, the effect of Christendom, the rise of Christianity in the global South, post-modernity, religious pluralism, post-Christendom effects, and the locus of the global Spirit-empowered movement."

**GTHE 965****History of Global Spirit Empowered Movements****3 credit hours**

The purpose of this course is to survey the beginnings, growth, and current developments in the Twentieth and Twenty-First Century Pentecostal and Charismatic movements in the mainline churches and will be international in scope. Major attention will be given to the founders and doctrinal views of these movements as well as variations in doctrine and practice over the years. Also attention will be given to newer movements known as the "New Charismatics" and more recent movements such as the Faith Movement, the prosperity gospel, and the new apostolic movement.

The course will be concerned with the teachings and perspectives and leaders of each movement and will attempt to evaluate their current and potential importance to world Christianity.

**Prerequisite:** GTHE 951

**GTHE 967****Contemporary Issues in Global Spirit-Empowered Christianity****3 credit hours**

This course focuses on contemporary issues in global Spirit empowered Christianity. It will explore the body of literature on contemporary issues facing Spirit empowered Christians in African, Asian-Pacific, European, Latin American, Middle East, and North American contexts. Students will identify a contemporary issue in a particular context, do in-depth research on the issue, present a lecture or lesson on a topic related to the issue, and produce an original research paper.

**GTHE 971****History and Theology of Missions****3 credit hours**

This course investigates the theological and historical development of Christian mission. Paying attention to the contextual nature of the development, the course critically reviews the "received" understanding and practice of mission, towards the construction of new mission theology in today's radically changing global Christian landscape.

**GTHE 972****Theology of Spirit-Empowered Mission****3 credit hours**

This course explores the process of the development of Spirit-empowered mission theology, and how it is manifest in mission practices. The role of the scripture, the Holy Spirit, spiritual experience and the given context will be investigated in the formation

of mission theology and practice. Critically evaluating its mission theology, the course also explores a theological basis for the healthy future of Spirit-empowered mission.

**GTHE 974****Christian Theology and Other Religions****3 credit hours**

"A course focusing on an overview of the major world religions as they relate to Christian theology. Although other religions will be examined, special emphasis will be placed on the interface of Christianity and Islam as a lens by which to explore key issues in a theology of religions. This course explores the body of literature in the area of Christian Theology and Other Religions."

**Prerequisite:** GTHE 962

**GTHE 976****Contextualized Leadership Development****3 credit hours**

This course explores theoretical and practical issues of leadership development in the global context. Consideration is given to themes such as global leadership, leadership competencies and their development, leadership contexts and dimensions, theories of leadership, and leadership development in the ministry context. The investigation of the themes will inquire the theological underpinning of Spirit-empowered spirituality and the role of the given socio-cultural context within which leadership is formed and exercised.

**GTHE 978****Global Pentecostalism and Social Engagement****3 credit hours**

This course focuses on recent developments in social engagement in global Pentecostalism. The course will examine examples of prophetic and compassionate ministries that have enabled Spirit-empowered communities to participate in God's transformative work. Students will develop strategies for the integration of these ministries into the local church and explore the emerging body of scholarly literature on social engagement in global Christianity.

**GTHE 980****Directed Study****1-3 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 theology Ph.D. curriculum.

**GTHE 981****Integrated Seminar in Contextual Theology 1****3 credit hours**

This course is designed to assist in the maturing of the research proposal. During the initial phase, each student works with her or his mentor to refine the proposal. During the synchronous online sessions, each proposal is presented for feedback and critique. This is followed by the revision and finalization of the proposal under the guidance of the mentor.

### **GTHE 982**

#### **Integrated Seminar in Contextual Theology 2**

**3 credit hours**

The final outcome of the course is the refinement of methodology and a literature review based on the mature research proposal. During the pre-seminar period, the student works under the guidance of the mentor. The students present their methodologies for their proposed chapters at the synchronous seminar session. The final outcome is the completion of the prelim.

### **GTHE 990**

#### **Dissertation**

**3 credit hours**

The PhD dissertation should advance knowledge in the field of study and enable the participant to integrate and apply his or her learning in global academic and ministry contexts. The student will work closely with his or her adviser on the writing of the dissertation and submission of individual chapters. The adviser will give timely critique and feedback and the student will be expected to make the appropriate changes and edits. When the dissertation is completed, the student will submit the final draft for review by his or her entire committee, in preparation for the Oral Defense.

### **GTHE 995**

#### **Dissertation Continuation**

**0 credit hours**

Completing the dissertation can require more than three semesters allotted for GTHE 990 Dissertation (9 credits), with circumstances often differing for particular students. When a student has completed all credits required for graduation but is still working on his/her dissertation, registration in GTHE 995 Dissertation Continuation (0 credits) shall be used to maintain active status. A dissertation continuation fee will be incurred.

**Prerequisite:** GTHE 990

### **GTHE 999**

#### **Theological and Historical Studies Elective**

**1-6 credit hours**

Course transferred to apply to an ORU major or minor. (More than one course can be transferred under this number.)  
Restriction: Approval by petition to department chair.

## **Healthcare Administration (HCA)**

### **HCA 220**

#### **Design in Healthcare Delivery**

**3 credit hours**

This cornerstone course explores the many different methods of health care delivery, their respective financing, healthcare policy making, stakeholders, and the implications for managing in different types of health service organizations. Emphasis is placed on the role of the manager in directing and guiding these different types of health service organizations.

### **HCA 240**

#### **Healthcare to the Nations**

**3 credit hours**

A systematic approach to healthcare systems around the world through case studies and learning about the history, culture, politics, economics, government influence, delivery model and methods, and patient interaction to understand how healthcare is provided to nations.

### **HCA 320**

#### **Quality Process Improvement**

**3 credit hours**

Continuous Process Improvement (CPI) provides a way to improve organizational performance in a systematic approach. Improving clinical outcomes, productivity, and boosting safety are essential in healthcare and a vital core competency of healthcare leaders. Topics include creating a culture of quality, determining priorities, determining areas for improvement, collecting and analyzing data, and communicating results.

### **HCA 340**

#### **Population Health Management**

**3 credit hours**

A study of the aggregation of patient data across multiple health information technology resources for the ability to provide clinicians and leaders better information on patient needs, clinical outcomes, and financial utilization. The use of epidemiology, cultural norms and values of a community to understand the need and impact of healthcare on a community will be included.

### **HCA 420**

#### **Healthcare and Patient Safety Management**

### **3 credit hours**

High Reliability Organizations (HROs) produce higher outcomes, safer care, and retain quality employees. This course examines the tenants of the HROs and the development of the world-wide emphasis on patient safety.

**Prerequisite:** LHCA 320

### **HCA 430**

#### **Emergency Disaster Management in Healthcare**

**3 credit hours**

The importance of a contingent healthcare system is evident. This course is a study of the responsibilities and challenges in healthcare during an emergency or disaster. Case studies, practical knowledge, and reviews of natural and man-made disasters will give practical exposure to students.

### **HCA 440**

#### **Leadership in Health Administration**

**2 credit hours**

A study of the importance of interdisciplinary collaboration among health team members. Learn roles, responsibilities, and authorities of team members and then build leadership core competencies in managing effective teams, boosting productivity, and improving outcomes.

### **HCA 451**

#### **Healthcare Internship**

**1-3 credit hours**

With written approval from the instructor, a student can obtain an on-the-job apprenticeship with a health agency or non-governmental organization that is working in their area of research for senior paper.

### **HCA 498**

#### **Research/Senior Paper I**

**2 credit hours**

Research toward a senior paper and/or other approved project. Students identify a healthcare problem of significance based on evidence-based practice. Results in problem selection, and review of literature.

**Prerequisite:** LMAT 232, MAT 232, LCMP 303, COMP 303

### **HCA 499**

#### **Research/ Senior Paper II**

**2 credit hours**

Students finalize research project started in HCA 498. Results in specialized research culminating in a senior paper and/or other approved project. Includes literature synthesis, research findings, and evidence-based conclusions relevant to healthcare systems.

**Prerequisite:** LHCA 498

## Modern Hebrew (HEB)

### **HEB 101**

#### **Elementary Hebrew I** **4 credit hours**

A beginning course in Modern Israeli Hebrew. Covers oral/aural work vocabulary, grammar, and composition. Includes reading and writing in both print and cursive. Includes present tense of Qal verbs, simple dialogues and oral presentations. Covers most activities listed in the ACTFL novice high competencies. (This course does not count toward the Bachelor of Arts language requirement, a minor, or a major, but can be used for elective credit.)

**Course fee:** \$40.

### **HEB 102**

#### **Elementary Hebrew II** **4 credit hours**

Builds on skills learned in HEB 101. Emphasizes aural/oral skills, the present tense of the hif'il and hitpa'el verb stems and infinitives of regular verb stems, and the agreement of adjectives and nouns. Includes short stories about the culture of Israel. Covers most activities listed in the ACTFL intermediate mid competencies.

**Prerequisite:** HEB 101 with a grade of "C" or higher or demonstrated proficiency.

**Course fee:** \$40.

### **HEB 203**

#### **Intermediate Hebrew I** **3 credit hours**

Continued study of Modern Israeli Hebrew with intensive oral work, grammar, and composition. Builds on HEB 102 adding the past tense of verbs in all stems, and pronominal suffixes. Readings include stories about the history and culture of Israel and verses from the Hebrew Bible. Covers most activities listed in the ACTFL intermediate high competencies.

**Prerequisite:** Proficiency examination or HEB 102 with a grade of "C" or higher.

**Course fee:** \$40.

### **HEB 204**

#### **Intermediate Hebrew II** **3 credit hours**

Intensive practical conversational workshop. Covers most activities listed in the ACTFL intermediate high competencies. Prerequisite: HEB 203 with a grade of "C" or higher.

### **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 204 or equivalent.

### **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 451**

#### **Special Readings** **1-4 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.

**Restrictions:** Arrangement with professor, departmental permission, and proficiency as needed.

### **HEB 999**

#### **Hebrew Elective** **1-6 credit hours**

Course transferred to apply to an ORU major or minor. (More than one course can be transferred under this number.)

**Restriction:** Approval by petition to department chair.

## History, Humanities and Government (HHG)

### **HHG 399**

#### **Department Internship/Practicum** **3 credit hours**

This course serves as the internship/practicum course for all majors in the History, Humanities and Government Department. This course can be repeated multiple times for credit.

**Prerequisite:** Permission of the instructor.

### **HHG 499**

#### **Department Internship/Practicum** **3 credit hours**

This course serves as the senior paper experience course for all majors in the History, Humanities and Government Department. Students must successfully

complete an oral defense of their oral defense of the paper or project to be awarded honors.

**Prerequisite:** Permission of the instructor. Restriction: Senior standing

## 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 110**

#### **American History Survey I (To 1877)** **3 credit hours**

An introduction of the main political, economic, social, foreign policy, and cultural developments in American history since from the arrival of Europeans until 1877. Students develop a personal synthesis of American history.

### **HIS 111**

#### **American History Survey II (1877-Present)** **3 credit hours**

An introduction of the main political, economic, social, foreign policy, and cultural developments in American history since 1877. Students develop a personal synthesis of American history.

### **HIS 200**

#### **World History** **3 credit hours**

A study of world history from the beginning until the present. All geographical regions are included. Covers political, societal, economic, cultural and religious, modern and postmodernism around the world. Lectures and discussions emphasize the evidence for the Christian worldview while including the arguments for other worldviews. Christian missions history, from Christ's great commission until the present, will be a point of emphasis.

### **HIS 201**

#### **Historiography** **3 credit hours**

An introductory course for history and prelaw majors, focusing upon the student as the central figure for "building history from the ground up." Participants are introduced to the discipline of history and to the historian's craft. Special attention is given to the vocational potential of the history major and to the relationship between the field of history and law.

**HIS 310****Oklahoma History****3 credit hours**

A survey of cultural, economic, political, and social development of Oklahoma as a reflection of similar development throughout the American West. This course is designed to study how Oklahoma is affected by and affects the national scene.

**HIS 323****The Middle Ages and the Reformation, 476 to 1650****3 credit hours**

An examination of the religious, social, political, and economic aspects of the times from the fall of Rome to the Reformation throughout Europe. Focuses on the Christian, historical, and philosophical continuity and disparity that gave rise to the Renaissance, Reformation, and Counter-Reformation. Emphasizes the development and significance of the establishment of religious toleration.

**HIS 324****Modern Europe, 1815 to Present****3 credit hours**

An intensive study of Europe from 1815 to the present. Emphasizes those aspects of European civilization that led to the success of liberalism in some areas and failure in others and the developments that resulted in World War I, World War II, the dismantling of colonialism, the Cold War, and the European Union. Covers main historical themes and events and gives attention to subjects of less significance to Europe, such as Europe's role in the Middle East.

**HIS 340****Colonial America to Early National, 1607 to 1830****3 credit hours**

Designed to give the student of American history and culture a background for study of later eras of the nation's development. Focuses on the transportation of English culture to the eastern frontier of the New World during the 17th and 18th centuries. Presents the roles that French and Spanish civilizations played in forging the new Anglo-American character. Includes the Revolution, the formation of the Constitution, and the first decades of the young American nation as it created its own identity.

**HIS 343****Civil War and Reconstruction U.S.: 1830 to 1877****3 credit hours**

A study of the political, social, economic, and intellectual roots of the Civil War; the

war itself, and the period of Reconstruction during the decade following the war.

**HIS 344****Early Modern United States, 1877 to 1929: Gilded Age to World War I****3 credit hours**

An analysis of the foundations of the 20th-century United States. Includes the pre-eminence of big business, subordination of politics, reform movements and organization of labor, the impact of urbanization and immigration, agriculture and the completion of Manifest Destiny, cultural and intellectual trends and foreign affairs, the Progressive movement, international affairs and World War I, and economic and social trends of the twenties.

**HIS 345****United States Since 1929****3 credit hours**

A study of the New Deal and World War II, international politics and the Cold War, recent domestic politics, cultural and intellectual trends, and the U.S. in global perspective.

**HIS 351****Evangelical and Charismatic Christianity in America****3 credit hours**

Explores the roots of evangelical, Pentecostal, and charismatic Christianity in America and traces the development of these movements up to the present. Emphasizes the Wesleyan revivals; the late-nineteenth-century holiness and Pentecostal movements in the American South; and the twentieth-century emergence of fundamentalism, neo-evangelicalism, the religious right, and the charismatic movement.

**HIS 361****Colonial Latin America****3 credit hours**

An examination of the pre-Columbian cultures of the New World as well as the Spanish influence on them through discovery and conquest. Emphasizes the clash of cultures and the establishment of Spanish religious, social, and governmental patterns relevant to today. (Equivalent Course: SPA 315.)

**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. (Equivalent Course: SPA 315.)

**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. (Equivalent Course: SPA 315.)

### **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 geopolitical 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**

##### **1-3 credit hours**

Special studies in history. Covers general or specific areas to meet student needs. Topics vary.

**Restrictions:** 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.

### **HIS 499**

#### **Senior Paper**

##### **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**

#### **History Elective**

##### **3 credit hours**

Course transferred to apply to an ORU major or minor. (More than one course can be transferred under this number.)

**Restriction:** Approval by petition to department chair.

## **Health, Leisure and Sport Sciences (HLSS)**

### **HLSS 110**

#### **Field Experience Principles**

##### **1.5 credit hours**

A course designed to provide basic principles of sport management through field experiences. The course offers the student opportunities to observe events in the sport management profession. The opportunities will include professional, collegiate, high-school, non-profit and other sports related settings.

### **HLSS 111**

#### **Field Experience Principles II**

##### **1.5 credit hours**

A course designed to provide a continuation of basic principles of sport management through field experiences. The course offers the student opportunities to observe events in the sport management profession. The opportunities will include professional, collegiate, high-school, non-profit and other sports related settings.

**Prerequisite:** HLSS 110

### **HLSS 210**

#### **Field Experience Theories**

##### **1.5 credit hours**

A course designed to provide theoretical understanding and application in sport management through field experiences.

Course offers the student opportunities to observe or assist events in the sport management profession. The opportunities will include professional, collegiate, high school, non-profit and other sports related settings.

**Prerequisite:** HLSS 206 or 250

### **HLSS 211**

#### **Field Experience Theories II**

##### **1.5 credit hours**

A course designed to provide a continuation of theoretical understanding and application in sport management through field experiences. Course offers the student opportunities to observe or assist events in the sport management profession. The opportunities will include professional, collegiate, high school, non-profit and other sports related settings.

**Prerequisite:** HLSS 210

### **HLSS 310**

#### **Field Experience Procedures**

##### **1.5 credit hours**

A course designed to provide proper procedures in sport management through field experiences. Course offers the student opportunities to observe, assist or direct events in the sport management profession. The opportunities will include professional, collegiate, high school, non-profit and other sports related settings.

**Prerequisites:** HLSS 210

### **HLSS 311**

#### **Field Experience Procedures II**

##### **1.5 credit hours**

A course designed to provide a continuation of proper procedures in sport management through field experiences. Course offers the student opportunities to observe, assist or direct events in the sport management profession. The opportunities will include professional, collegiate, high school, non-profit and other sports related settings.

**Prerequisites:** HLSS 310

### **HLSS 410**

#### **Field Experience Leadership**

##### **1.5 credit hours**

A course designed to provide leadership opportunities in sport management through field experiences. Course offers the student opportunities to develop and manage events in the sport management profession. The opportunities will include professional, collegiate, high school, non-profit and other sports related settings.

**Prerequisites:** HLSS 310

### **HLSS 411**

#### **Field Experience Leadership II**

##### **1.5 credit hours**

A course designed to provide a continuation of leadership opportunities in sport management through field experiences. Course offers the student opportunities to develop and manage events in the sport management profession. The opportunities will include professional, collegiate, high school, non-profit and other sports related settings.

**Prerequisites:** HLSS 410

### **HLSS 200**

#### **Introduction to Exercise Science and Physical Education**

##### **3 credit hours**

A study of the basic concepts and principles that form the foundation of health, exercise science, and physical education. Designed to acquaint the student with the organized body of knowledge in the disciplines while exploring different career options and issues in the discipline.

### **HLSS 202**

#### **Introduction to Leisure Science**

##### **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.

### **HLSS 206**

#### **Introduction to Sports Management**

##### **3 credit hours**

An overview of the field of sports management. Covers the types of careers, training, experiences, course of study, as well as characteristics of a successful sports manager.

### **HLSS 228**

#### **Theory of Coaching**

##### **3 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.

### **HLSS 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.

### **HLSS 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.

### **HLSS 250**

#### **Sports, Leisure, and Aging**

##### **3 credit hours**

This course introduces students to the importance of sport and leisure during the aging process. Emphasis is given to the changes that are associated with aging and the resulting dynamic interactions between older people and their activities. Case studies and interactive elements throughout allow students to explore the lives of older adults, current research in the field, and prospective careers working with the aging population.

### **HLSS 306**

#### **Sports Facility and Event Management**

##### **3 credit hours**

Develops practical competencies necessary to effectively manage sporting facilities and events. Includes theoretical discussions and hands-on experience.

### **HLSS 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.

### **HLSS 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.

### **HLSS 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:** HLSS 319; or PHS 223 and 224.

### **HLSS 318**

#### **Psychology of Human Performance**

##### **3 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.

### **HLSS 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.

### **HLSS 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:** HLSS 319; or PHS 223 and 224.

### **HLSS 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:** HLSS 319; or PHS 223 and 224.

### **HLSS 331**

#### **Outdoor Leisure and Camps**

##### **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.

### **HLSS 343**

#### **Leadership in Sports and Leisure**

##### **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.

### **HLSS 344**

#### **Programming in Sport and Leisure 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.

### **HLSS 375**

#### **Global Perspectives in Leisure and Sports Management 3 credit hours**

The impact of contemporary global challenges on the leisure and sports management industry, is the focus of this course.

### **HLSS 402**

#### **Exercise Prescriptions 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:** HLSS 324.

**Course fee:** \$100.

### **HLSS 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 a focus on preparing students for personal training, physical therapy, and sports medicine careers.

**Prerequisite:** HLSS 324.

**Course fee:** \$100.

### **HLSS 416**

#### **Legal and Ethical Aspects of Sport and Leisure 3 credit hours**

Introduces sport management students to basic legal and ethical principles. Covers legal basics, including contract law principles, general tort theories, general criminal law practices, fundamentals of Title IX, relevant disability-related statutes, antitrust and labor issues in sport,

intellectual property issues in sport, and religious issues related to sport. Includes ethical concepts and theories and provides a background for making ethical decisions.

### **HLSS 420**

#### **Foundations of Amateur Athletics 3 credit hours**

Intensive involvement within Amateur Athletics Union Jr. Olympic Games, that offers the student opportunities to observe, assist, and hands on learning with the largest amateur athletic event in the U.S.

### **HLSS 421**

#### **Applied Amateur Athletics Management 3 credit hours**

Intensive involvement within Amateur Athletics Union Jr. Olympic Games, which offers the student opportunities to organize, direct and manage event at the largest amateur athletic event in the U.S. Prerequisites: HLSS 420 and departmental approval

**Restrictions:** Must be a Sport Management Major

### **HLSS 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 HLSS class. (May be taken multiple times for credit).

**Restriction:** HLSS major.

### **HLSS 452**

#### **HPE Methods and Evaluation 3 credit hours**

A course designed for future physical education teachers to develop knowledge in the areas of curriculum development, methods of teaching, techniques of measurement and evaluation, and organizing instruction for the elementary and secondary physical education programs. Focuses on applying contemporary theories and practices to the context of elementary, intermediate, and secondary schools. Includes teaching processes that involve philosophy, motor learning, planning, organizing, presenting materials, evaluating, and reading current professional literature.

### **HLSS 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 HLSS Department chair and the student's advisor approve the number of credit hours.)

**Prerequisites:** HLSS 324 and 412.

**Restrictions:** HES major or minor and senior status.

### **HLSS 482**

#### **Internship in Leisure Science 2-5 credit hours**

Involvement in organizing and administering recreation-oriented programs in one of several settings: YMCAs or YWCAs, communities, schools, and recreation centers. (Credit varies according to the internship. The HLSS Department chair and the student's advisor approve the number of credit hours.)

**Prerequisites:** HLSS 343 and 344.

**Restrictions:** Leisure science major or minor and senior status.

### **HLSS 483**

#### **Internship in Sport Management 2-5 credit hours**

Intensive involvement within a sport organization (professional, collegiate, national, or global) that offers students opportunities to observe, assist, and/or direct events in the sport management field. Course may be repeated more than once for credit.

**Restrictions:** Sport management major or minor; senior status.

### **HLSS 499**

#### **Senior Paper/Project 3 credit hours**

A well-written research paper or project that fulfills a senior capstone experience.

**Restrictions:** Senior standing in an HLSS Department major.

### **HLSS 999**

#### **Health, Leisure, and Sport Sciences Elective**

##### **1-6 credit hours**

Course transferred to apply to an ORU major or minor. (More than one course can be transferred under this number.)

**Restriction:** Approval by petition to department chair.

## **Honors (HONR)**

### **HONR 100**

#### **Freshman Honors Seminar 0 credit hour**

Introduces first year honors students to the honors community at ORU. Seminar topics are selected to help expose new students to important issues such as scholarship, leadership, service learning, and prestigious scholarships. Includes a variety of activities, talks led by faculty and student leaders in

the honors program, and small group discussion.

**Restriction:** Honors Fellow or Scholar standing.

### **HONR 411**

#### **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 COMP 102 or a Humanities.)

**Restriction:** Honors Fellow standing.

### **HONR 412**

#### **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 a Humanities.)

**Restriction:** Honors Fellow or Scholar standing or theological-historical studies major with a Christian philosophy concentration.

### **HONR 421**

#### **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.)

**Restriction:** Honors Fellow or Scholar standing.

### **HONR 422**

#### **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 a Humanities.)

**Restriction:** Honors Fellow or Scholar standing.

### **HONR 423**

#### **Science and Global Sustain Lecture**

#### **3 credit hours**

Sustainability science emerged as a new academic discipline in about 2001. Understanding and then trying to solve the complexities of issues that impact humans around the world requires an interdisciplinary approach. This course does that by looking at scientific examples that incorporate ethical, social, environmental, economic, political, and other understanding. (This course substitutes for a Humanities.)

**Restriction:** Honors Fellow or Scholar standing.

### **HONR 423L**

#### **Science and Global Sustain Laboratory**

#### **1 credit hour**

Demonstrates the practical importance of understanding environmental science to every person, all majors, all careers, at ORU and around the world. (This course, taken with HONR 423, substitutes for laboratory science.)

**Restriction:** Honors Fellow or Scholar standing.

**Co-requisite:** HONR 423 Lec

### **HONR 431**

#### **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 a Humanities.)

**Restriction:** Honors Fellow or Scholar standing.

### **HONR 433**

#### **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 COMP 303.)

**Restrictions:** Honors Fellow or Scholar; sophomore standing or higher.

## **Health and Physical Education (HPE)**

### **HPE 003-150**

#### **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; however, HPE 101 and 102 may only be taken once for credit.)

General Education Physical Education Activity Courses

**HPE 003 Total Conditioning\*\***

**HPE 005 Fitness Club\*\***

**HPE 006 Indoor Cycling**

**HPE 007 Basic First Aid and CPR and Fitness\*\***

**HPE 012 Bowling and Fitness**

**HPE 013 Intermediate Advanced Bowling**

**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 Advanced Swimming and Fitness\*\***

**HPE 028 Beginning Tennis and Fitness\*\***

**HPE 029 Intermediate/Advanced Tennis & Fitness\*\***

**HPE 030 Weight Training and Fitness\*\***

**HPE 031 Advanced Weight Training and Fitness\*\***

**HPE 034 Varsity Cheerleading and Fitness**

**HPE 036 SCUBA and Fitness \*\***

**HPE 037 SCUBA Rescue and Fitness\*\***

**HPE 038 SCUBA Open Water and Fitness\*\***

**HPE 039 SCUBA Master Diver and Fitness\*\***

**HPE 040 Advanced SCUBA and Fitness\*\***

**HPE 042 Creative Aerobics and Fitness\*\***

**HPE 044 Step Aerobics and Fitness\*\***

**HPE 045 Pilates for Christians and Fitness\*\***

**HPE 046 Equestrian and Fitness**

**HPE 047 Intermediate Equestrian and Fitness**

**HPE 051 Volleyball and Fitness\*\***

**HPE 054 Racquetball and Fitness\*\***

**HPE 080 Adaptive Physical Education\*\***

**HPE 084 Self-defense and Fitness\*\***

- HPE 092 Exercise and Weight Control and Fitness\*\***  
**HPE 093 Body Sculpting and Fitness\*\***  
**HPE 095 Beginning Mountain Biking and Fitness\*\***  
**HPE 096 Intermediate/Advanced Mountain Biking and Fitness\*\***  
**HPE 097 Backpacking and Fitness**  
**HPE 098 Triathlon Training\*\***  
**HPE 099 Aerobics Proficiency\*\***  
**HPE 100 Walk for Fitness\*\***  
**HPE 101 Fitness for Life I\*\***  
**HPE 102 Fitness for Life II\*\***  
**HPE 120 Dance Aerobic Proficiency**  
 (Pass/No Pass class)  
**HPE 124 Lifeguarding and Fitness\*\***  
**HPE 150 Rock Climbing and Fitness**  
**HPE 140 Varsity Sports Varsity**  
**HPE 034 Varsity Cheerleading and Fitness**

**Prerequisites:** (HPE155 and passing of the swimming proficiency) or GHPE 503/703/903.

**Course fees:** Backpacking, \$60; golf, equestrian, and bowling have fees that are subject to change. \*\*Course fee: \$15.00

### **HPE 155**

#### **Health Fitness**

##### **1 credit hour**

Designed to develop an understanding of, and personal appreciation for, the relationship of physical activity and fitness to health. Emphasizes the concept of health fitness through the conditioning of the cardiorespiratory system, muscular fitness, and the development of a healthy lifestyle. Includes consumer health information and a required weekly physical activity lab.

**Prerequisite:** GEN 150.

### **HPE 171**

#### **Discovering Health Fitness I**

##### **1 credit hour**

This course is designed for the adult learner and seeks to develop an understanding of, and personal appreciation for, the relationship of physical activity and fitness to health. Emphasizes the concept 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. This course is for online programs only. Prerequisite: Medical Assessment.

### **HPE 172**

#### **Discovering Health Fitness II**

##### **1.0 credit hour**

A continuation of Discovering Health Fitness I with emphasis on total body health fitness for the adult learner. Focus areas include cardiorespiratory fitness, nutrition, body composition, musculoskeletal fitness,

and stress management. Includes consumer health information and a required weekly physical activity lab. This course is for online programs only. Prerequisite: LHPE 171.

### **HPE 400**

#### **Lifelong Wellness**

##### **0.5 or 1 credit hours**

Designed to reinforce an understanding of, and personal appreciation for, the relationship of physical activity and fitness to health. This course will empower students who are completing their academic degree by preparing them to seek fitness throughout their lives. Emphasizes the concept of health fitness through the cardiorespiratory system, nutrition and body composition, musculoskeletal fitness, and stress management. (Taken for Pass/No Pass Grade)

**Prerequisites:** GEN 150, HPE 155, and swimming proficiency.

**Restriction:** Senior standing.

### **HPE 999**

#### **Health and Physical Education Activity**

##### **Course Elective**

##### **0 credit hours**

Course transferred to apply to an ORU major or minor. (More than one course can be transferred under this number.)

## **Humanities (HUM)**

### **HUM 103**

#### **Christian Worldview and Culture**

##### **3 credit hours**

An examination of the history, nature, and function of worldviews and their effect on culture. This course focuses upon developing a distinct Christian worldview based upon foundational Biblical themes such as creation, humanity fashioned in God's image, sin and the fall of man, evil, redemption, and restoration. Compares and contrasts various worldviews and religions using the philosophical categories of metaphysics and epistemology. Surveys shifts in worldviews over time and teaches practical Christian apologetics as a response to these changes. (Equivalent Course: HUM 301.)

### **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.) Equivalent Course: HUM 111H

### **HUM 112**

#### **Introductions 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.) Equivalent Course: HUM 112H.

### **HUM 201**

#### **Wisdom of the Ancient World**

##### **3 credit hours**

An exploration of the genesis of Western philosophy, ethical reasoning, and behavior from the beginning of written history until the end of the Hellenistic Age.

### **HUM 202**

#### **Classical Roman Civilization**

##### **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 1300 A.D. Focuses on the ancient world, Greece and the classical part of the Western world, the Roman Empire, and European Middle Ages to 1300 A.D.

### **HUM 203**

#### **Learning from the Late Middle Ages**

##### **3 credit hours**

A historical survey and worldview synthesis emphasizing philosophical, religious, political, economic, artistic, and aesthetic developments of human culture and civilization from 1300 to 1648. Focuses on the Renaissance, the Reformation Age, and the Scientific Revolution.

### **HUM 204**

#### **Understanding Modern Western**

##### **Civilization**

##### **3 credit hours**

An historical survey and worldview synthesis emphasizing philosophical, religious, political, economic, artistic, and aesthetic developments of human culture and civilization from 1800 to the present. The focus is on understanding how the evolving dialectic of empiricism and its impact upon philosophy, the arts, social institutions, history, and moves have produced the Post-Modern and, punitively, Post-Christian 21st Century.

### **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.) Equivalent Course: HUM 213H.

### **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.) Equivalent Course: HUM 214H.

### **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. (Equivalent Course: 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. (Equivalent Course: 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. (Equivalent Course: MUS 130.)

### **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. (Equivalent Course: 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. (Equivalent Course: HUM 103.)

### **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 342**

#### **Europe Today**

##### **3 credit hours**

An introduction to the governmental, economic, religious, geographic, and cultural realities in Europe that shape Europeans today. Examines current events and news in Europe from a contextualized perspective. Explores what God is doing in the continent of Europe today. Equivalent Course: GEN 342.

### **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.)  
Restriction: Approval by petition to department chair.

**Interactive Media (INT)****INT 101****Digital Composition****3 credit hours**

An introductory course covering the basic principles of design on a 2D image, digital photography, the use of DSLR cameras and basic Photoshop. Final projects are photojournalist, visual story-telling images that demonstrate technical knowledge, and artistic competence.

**Course fee:** \$40.

**INT 200****Web Design****3 credit hours**

Designed to provide the student with a basic understanding of interactive media systems and web design principles.

**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. (May be repeated for credit.)

**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.

**Restriction:** Instructor's permission.

**Course fee:** \$40.

**INT 999****Interactive Media Elective****1-6 credit hours**

Course transferred to apply to an ORU major or minor. (More than one course can be transferred under this number.)  
Restriction: Approval by petition to department chair.

**Interpreting (INTR)****INTR 321****Beginning Interpreting****3 credit hours**

A comprehensive study of interpreting at the introductory level between English and the foreign language, including on-site interpreting and short consecutive interpreting. Topics include medical and religious vocabulary used in various scenarios. Attention is given to moral and ethical concerns related to interpreting.

**Prerequisite:** TRNS 310.

**INTR 331****Intermediate Interpreting****3 credit hours**

Further development of skills in consecutive interpreting between English and the foreign language. Introduction to simultaneous interpreting. Topics include government, science and legal interpreting.

**Prerequisite:** INTR 321.

**INTR 441****Advanced Interpreting****3 credit hours**

Advanced practice in short and long consecutive interpreting between English and the foreign language with an increased focus on simultaneous interpreting. Course material covers a wide range of fields from real-world situations.

**International Studies (IS)****IS 301****Global Perspectives in the Modern World****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. (Equivalent Course: GCSE 511.)

**IS 340****Needs Assessment****3 credit hours**

Focuses on the elements and processes of needs assessments of communities or business organizations. The needs assessment process includes (1) identifying various stakeholders within the needs of the communities and organizations, (2) identifying the various needs of the communities and organizations; (3) prioritizing the needs of the communities and/or organizations and (4) finding solutions to fill the gap between the existing needs and the desired goal. Students gain experience and skills in needs assessment methodologies, needs analysis and reporting methods.

**IS 341****Program Evaluation****3 credit hours**

This course will allow review of successful programs in progress or accomplished that use appropriate techniques. Program review should include analysis of the kind of data generated to prioritize needs, select design, and implement a solution strategy. Further, the course focuses attention on the practical requirements of developing social programs to address the identified needs.

**Prerequisite:** IS 340.

**IS 350****Internship in International Studies****3 to 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 365****Disaster Relief****3 credit hours**

The central focus of this course is three fold, (1) Identifying the natural, human and technological causes of national and international disasters, (2) introducing students to the steps in disaster

management cycle which include mitigation, preparedness, response and recovery, (3) introducing international protocols and provisions that guide conducts of disaster relief organizations both national and international in nature.

### **IS 370**

#### **Problems in International/Community Development**

##### **1-3 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**

##### **1-3 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 440**

#### **Global Issues**

##### **3 credit hours**

A thematic course designed to address various contemporary global concerns. Topics may include--but are not limited to-- population growth and migration, poverty and economic development, women's issues, conflict and weapons proliferation, globalization and international trade, human rights, and nationalism and ethnic conflict.

### **IS 460**

#### **Conflict Analysis and Resolution**

##### **3 credit hours**

Aims at introducing the students to the root causes of intrastate and interstate conflicts. The course identifies state and non-state actors in national, regional and international conflicts. Significant emphasis is placed on the nature and dynamics of recent conflicts that grabbed many developing states. The course introduces skills in analyzing the root causes of conflicts as well as mechanisms of conflict resolutions and management.

### **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.

### **IS 999**

#### **International Studies Elective**

##### **3-12 credit hours**

Course transferred to apply to an ORU major or minor. (More than one course can be transferred under this number.)

Restriction: Approval by petition to department chair.

## **Information Technology (IT)**

### **IT 101**

#### **Information Technology Fundamentals**

##### **3 credit hours**

An introduction to Information Technology (IT) and the various components and applications that have led the discipline to its current state. Topics focus on the convergence of computing and IT, the role of IT in contemporary global organizations, and the numerous domains of application (e.g. business, education, government, and healthcare).

### **IT 111**

#### **Programming**

##### **3 credit hours**

An overview of programming basics in IT to include data structures, programming constructs, algorithms and problem-solving, object-oriented and event-driven programming, and recursion.

### **IT 201**

#### **Human Computer Interaction**

##### **3 credit hours**

An introduction to Human Computer Interaction (HCI). Includes human factors, HCI aspects of application domains, human-centered evaluation, developing effective interfaces, accessibility, emerging technologies, human-centered software development.

**Prerequisite:** IT 111 or IT 231.

### **IT 211**

#### **Networking**

##### **3 credit hours**

An introduction to networking and related knowledge areas (e.g. data communication,

telecommunications, inter/intranetworking, and infrastructure security) associated with organizational computer networks and communication infrastructures. Topics include routing and switching, switching, physical layer, security, and related application areas.

**Prerequisite:** IT 101.

### **IT 231**

#### **Web Systems/Technologies**

##### **3 credit hours**

Addresses web systems and technologies and covers how web-based applications (e.g. databases, interfaces and digital media, and software) are designed, implemented, and tested. Includes information architecture, digital media, web development and vulnerabilities of web systems.

**Prerequisite:** IT 111.

### **IT 251**

#### **Technical and Professional Communication**

##### **3 credit hours**

Addresses professional and technical communications to lay the foundation for strong professional practices. Topics include teamwork concepts, group dynamics, leadership styles, technical writing and documentation, presentation development and delivery.

**Prerequisite:** COMP 303.

### **IT 301**

#### **Information Management**

##### **3 credit hours**

An overview of databases and information management. Includes query languages, data organization architecture, data modeling, managing the database environment and special-purpose databases.

**Prerequisite:** IT 111.

### **IT 361**

#### **System Administration and Maintenance**

##### **3 credit hours**

Addresses system administration and maintenance as well as platform technologies. Topics include operating systems, applications, administrative activities and domains, computer architecture and organization, and computing infrastructures.

**Prerequisite:** IT 111.

### **IT 371**

#### **Integrative Programming**

##### **3 credit hours**

An overview of integrative programming as related to applications and systems. Includes inter-systems communication, data mapping and exchange, integrative coding,

scripting techniques, software security, and an overview of programming languages.

**Prerequisite:** IT 301 or IT 361.

### **IT 411**

#### **Information Assurance and Security 3 credit hours**

Addresses Information Assurance and Security (IAS). Covers fundamental aspects, security mechanism, operational issues, policy, attacks, security domains, forensics, information states, security services, threat analysis, and vulnerabilities.

**Prerequisite:** IT 231 or IT 301.

### **IT 451**

#### **Project Management 3 credit hours**

Addresses the skills necessary to initiate, plan, execute, monitor and control, and close IT projects. The CompTIA Project+ certification validates the business, interpersonal and technical project management skills required to manage projects and initiatives.

**Prerequisite:** IT 371.

### **IT 499**

#### **IT Capstone 3 credit hours**

IT senior project including proposal, feasibility studies, intellectual property, teamwork, budgets, schedule management; professional communications (reports and presentations); design implementation, and testing.

**Prerequisite:** Completion of 10 of the 11 courses required in major.

Restriction: Senior standing.

## **Journalism (JRN)**

### **JRN 101**

#### **Introduction to Journalism 3 credit hours**

This course offers students the opportunity to gain insight into the diverse opportunities in convergence journalism with this seminar class covering all the various facets of media and career paths available to the 21st century journalist. An introductory course held in the ORU Global Learning Center so that various guest speakers who are news media professionals can address and interact with students via live internet feed. Topics covered include a broad media industry overview that includes print, TV, radio, Internet, film and social media based journalism, a survey of journalism ethics and media law, best industry practices, the importance of incorporating Christian worldview, a global focus, and critical thinking in news gathering, and producing, research strategies and professional formation.

Course utilizes Launch Pad Solo in addition to a conventional text book for the purpose of an interactive classroom learning experience.

**Course fee:** \$40.

### **JRN 107**

#### **Newswriting I 3 credit hours**

Introduces students to newspaper, reporting, and writing.

**Co-requisite:** JRN 108.

**Course fee:** \$20.

### **JRN 108**

#### **Newswriting I Lab 1 credit hour**

A study of the Associated Press Stylebook for use in editing copy for all forms of media.

**Prerequisite or co-requisite:** JRN 107.

### **JRN 205**

#### **Writing for the Media 3 credit hours**

An advanced course in writing for mass media. Introduces complex concepts and methods of journalism for all areas of mass media, especially writing news and feature stories for print and writing for broadcast news, radio news, television and cable news, public relations, advertising, promotions, and the web.

**Course fee:** \$20

### **JRN 207**

#### **Newswriting II 3 credit hours**

A course developing convergent newsgathering skills and journalistic values across all forms of media while helping the student gain a more advanced understanding of the forms, processes and thinking required to gather and present compelling news content.

**Prerequisites:** JRN 107, JRN 108 and typing ability.

**Course fee:** \$20.

### **JRN 214**

#### **Workshop: Newspaper 1-3 credit hours**

Provides in depth 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.)

**Prerequisites:** JRN 107 and JRN 108.

**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.)

**Course fee:** \$40.

### **JRN 222**

#### **Digital Journalism 3 credit hours**

State of the art class designed to empower students to become versant with the ever changing landscape of Internet news media. The course cover all the elements of Internet media delivery and reporting/producing methods for social/digital Internet news platforms and organizations.

**Prerequisites:** INT 101, INT 200, JRN 207.

### **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. Equivalent Course: JRN 255.

**Prerequisite:** JRN 107, JRN 108

### **JRN 317**

#### **Investigative Reporting 3 credit hours**

Combines basic reporting skills with practical experience, including news writing, press conferences, and interviews. Equivalent Course: JRN 417.

**Prerequisite:** JRN 107, JRN 108

**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.

**Prerequisites:** JRN 107 and 108.

### **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.

### **JRN 344**

#### **Feature Writing and Producing 3 credit hours**

An in-depth study of techniques required to conduct creative interviews and to research, write, and sell feature articles.

**Prerequisites:** JRN 107, 108, 207, 255; ART 365; TVF 232 or permission of the instructor.

**Restrictions:** Junior or senior standing.

### **JRN 355**

#### **Field Journalism**

##### **3 credit hours**

Taught in conjunction with International Healing Teams or study abroad trips, includes spring or summer trip and mentored production of various storytelling projects. Students will imbed in the culture with a mission team or study abroad group, where they will do inside out reporting about the geography, culture, lives, challenges and victories of people in other areas of the world. Prior to the trip, class will study ethnographic journalistic techniques necessary for effective reporting from other cultures and countries. This course may also be used for political journalism experience, when taught in conjunction with a Spring Break trip to Washington, D. C. that combines a class of students from the history, humanities and government students with convergence journalism/media students. Course requires and international practicum.

**Prerequisites:** JRN 107, JRN 207, JRN 255, ART 365, TVF 232 or instructor approval.

### **JRN 408**

#### **Broadcast News**

##### **3 credit hours**

Studies basic broadcast journalism, its tools, and techniques. Examines the factors that determine the value of news and how news is gathered and disseminated. Provides experience in writing news for broadcast and in delivering news in an "On Air" situation. Presents a Christian perspective and teaches responsibility as a Christian in the field of broadcasting.

**Prerequisites:** JRN 107, JRN 207, TVF 128, TVF 231, and TVF 232

**Course fee:** \$40

### **JRN 417**

#### **Investigative Reporting**

##### **3 credit hours**

This class offers students the opportunity to participate in real life investigation and reporting projects. Students will study major investigative projects from the past, such as the Watergate incident, and learn from experts in the field about how to strategize investigative projects, research and report on situations of injustice and corruption, and give an informed voice to the marginalized. The class will work collaboratively on an actual research project

and investigation of a meaningful situation, and by utilizing intuitive and skilled research and reporting, will pose solutions through exposing the truth.

**Prerequisites:** JRN 101, JRN 107, JRN 255, JRN 321.

### **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. (Equivalent Course: JRN 344)

**Prerequisites:** JRN 107 and JRN 108 both with a grade of "C" or higher.

### **JRN 455**

#### **Journalism Capstone**

##### **3 credit hours**

A capstone course incorporating collaborative teamwork in areas of media specialty to develop, create, and deliver comprehensive news media projects to a global audience, utilizing print, photography, graphics, videography, documentary film, radio narrative, TV broadcast, internet/social media and live presentation. The course focuses on the reporting of global situations that require developing an understanding of cross-cultural communication and intercultural impact of societal issues, both in the community/country where they occur as well as gauging worldwide impact. Students will be challenged to understand the global economy, political systems, geography, history, and cultural constructs from the region about which they are reporting. Seniors work in teams to identify an area where news coverage of issues and unjust or oppressive situations are lacking in visibility. Students research, investigate and evaluate information to determine the best methods and practices approach to writing and producing the multimedia story. A viable means of approach including developing a storyline, creating an investigative plan, strategizing best research methods, designing storyboards, planning visuals, designating individual areas of responsibility for media production, scripting interviews and narratives are presented by mid-term in the form of a project plan, which will present the culture/history, problem/need and plan for the advocacy or peace journalism media project.

Finally, team members plan and present a story utilizing converged production methods to deliver a relevant major news presentation via various forms of media. Through these processes team members develop servant-leadership and acquire

skills through project-based learning and hands-on converged media production.

**Restriction:** Senior standing.

### **JRN 499**

#### **Senior Research Project**

##### **3 credit hours**

Specialized research culminating in a senior paper and/ or other approved project.

**Prerequisites:** JRN 107, 108 and TVF 332

**Restriction:** Senior standing.

**Course fee:** \$40.

### **JRN 999**

#### **Journalism Elective**

##### **1-6 credit hours**

Course transferred to apply to an ORU major or minor. (More than one course can be transferred under this number.)

**Restriction:** Approval by petition to department chair.

## **Language (LANG)**

### **LANG 101**

#### **Foreign Language Placement**

##### **4 credit hours**

A beginning course in Language. Covers oral/aural work, vocabulary, grammar, and composition. Covers most activities listed in the ACTFL novice-mid competencies. (This course does not count toward the Bachelor of Arts language requirement or a minor in Language but can be used for elective credit.)

### **LANG 470**

#### **Teaching Language**

##### **3 credit hours**

A course designed to prepare English and foreign language majors with the ideas and practical knowledge for teaching in the English or foreign language classroom. Focuses on methods of teaching literature, foreign languages, composition, grammar, and related subjects to current U.S. standards of varied backgrounds. A short practicum of 10 hours is required.

**Restriction:** Junior or senior standing.

### **LANG 999**

#### **Foreign Language Elective**

##### **1-6 credit hours**

Course transferred to apply to an ORU major or minor. (More than one course can be transferred under this number.)

**Restriction:** Approval by petition to department chair.

## **Leadership Studies (LDR)**

### **LDR 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.

**Restriction:** Permission of Instructor required.

### **LDR 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.)

**Restriction:** Senior standing.

### **LDR 999**

#### **Leadership Studies Elective 1-3 credit hours**

Course transferred to apply to an ORU major or minor. (More than one course can be transferred under this number.)

**Restriction:** Approval by petition to department chair.

## **Leadership Master of Business Administration (LMBA)**

### **LMBA 502**

#### **Graduate Orientation 0 credit hours**

Introduces the student to action research at the master's level, their cohort, courses, and proven learning strategies.

**Prerequisites:** none

### **LMBA 551**

#### **Global Management Concepts 3 credit hours**

A study of the leadership and management of people and organizational systems and structures, with a view toward creating and sustaining a competitive advantage in global environments. Discover the challenges and opportunities in organizational management and business strategy. Benefit from an overview of the process and effect of internationalization in contemporary business as well as an appreciation of theories, concepts and skills relevant to managing effectively in today's global environment.

**Prerequisites:** MGT 130 and GBLV 501

### **LMBA 552**

#### **Accounting and Financial Leadership 6 credit hours**

A study of finance and accounting systems and processes that equips leaders with understanding and uses various financial and accounting tools to make wise decisions to strategically advance

organizational performance and effectiveness.

### **LMBA 553**

#### **Marketing Leadership 3 credit hours**

A study of marketing management, including creating and implementing competitive, market-sensitive, and market-driven organizational development and strategic activity. Emphasizes an integrated, comprehensive understanding and application of classical and contemporary marketing theory, across all of the dimensions of the marketing mix. Examines specific understandings of globalized concepts of marketing.

### **LMBA 554**

#### **Global Economic Leadership 3 credit hours**

A study of economics from a philosophical normative view with an emphasis on practical leadership applications. Fundamental economic systems are studied with scrutiny regarding the underlying worldview that undergirds each system. Discovery emphasizes operationalizing economic activity and engagement at the organizational level designed to better position leaders to lead and transform organizations, organizational stakeholders and communities within a Biblical worldview construct.

**Prerequisite:** BUS 201 or 202 (Economics I or II). Economics I (Macroeconomics) preferred.

### **LMBA 565**

#### **Strategic Organizational Leadership 3 credit hours**

A Leadership Master of Business Administration capstone study of strategic leadership that focuses on creating and implementing a sustainable, competitive advantage across an array of organizations and industries, including globalized strategic theory and activity. Emphasizes the successful leadership and management of internal, and internal-to-external strategic alignment, vision creation and casting and implementing strategic change initiatives, the strategic allocation and deployment of resources, and the creation and utilization of core competencies through building resources into capabilities that are aligned excellently with market demand and competitive considerations.

### **LMBA 585**

#### **Leadership Decision Making 3 credit hours**

Business leaders are by default, decision makers. In this era of "Big Data," business leaders must make decisions based on

massive amounts of data that they may change rapidly. Therefore, it is critical that the business leader understand the importance of data in the decision-making process and how to use and apply quantitative decision-making methods to analyze this data. This course will provide the business leader with an overview of the data analytic methods used in business to make better decisions. Microsoft Excel is the primary analytical software used. While the course is based on statistics, the emphasis is on preparing the business leader to understand the data and analysis techniques and to apply the results to solve business problems.

**Prerequisites:** Introductory statistics course, prior computer course and permission of the Graduate School of Business.

## **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 3-4 credit hours**

A treatment that develops the concepts of number systems, absolute value, inequality, domain, range, local extremes, zeros, relations, and functions. Functions studied include those that are linear, polynomial, radical, absolute value, exponential, and logarithmic. (Does not count toward a major or minor in mathematics.)

**Prerequisite:** ALEKS-PPL score of at least 46

**Course fee:** \$30.

### **MAT 106**

#### **Trigonometry 3 credit hours**

A continuation of MAT 105. 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 105 (with a grade of "C" or higher) or ALEKS-PPL score of at least 61.

### **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.)

### **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 106 with a grade of "C" or higher or ALEKS-PPL score of at least 76.

### **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 with a grade of "C" or higher.

### **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 with a grade of "C" or higher

### **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**

A study of linear nth order ordinary differential equations, existence and uniqueness of solutions, and various

techniques for solving differential equations.

**Prerequisite:** MAT 202 with a grade of "C" or higher.

**Course fee:** \$45

### **MAT 221**

#### **Mathematics Concepts I**

#### **3 credit hours**

A study of the underlying theory of elementary mathematical topics, including problem-solving, sets, numeration, computational algorithms, number theory ratio, proportion, percent, real numbers, and introductory algebra. (Does not count toward a major or minor in mathematics.)

**Prerequisite:** MAT 105 with a grade of "C" or higher.

### **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 with a grade of "C" or higher.

### **MAT 231**

#### **Essentials for Elementary Statistics**

#### **1 credit hour**

Designed to provide additional support for students taking MAT 232 Elementary Statistics. Requires 24 hours of tutoring (two hours per week) in the Mathematics Learning Resource Center with an assigned tutor. (Does not count toward a major or minor in mathematics.)

**Prerequisite:** ALEKS-PPL score of at least 30.

**Co-requisite:** MAT 232.

**Course fee:** \$30.

### **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.) (Business emphasis sections are available for business majors. A biomedical emphasis is also available.)

**Prerequisites:** A grade of "C" or higher in MAT 105, 106, 201, or NUR 230 or an ALEKS-PPL score of at least 50 or enrollment in MAT 231.

**Course fee:** \$30.

### **MAT 300**

#### **Senior Paper/Project Preparation**

#### **1 credit hour**

Assists students in preparing for their senior paper/project and ePortfolio. Equivalent Course: MAT 498.

### **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 with a grade of "C" or higher.

### **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 with a grade of "C" or higher.

### **MAT 314**

#### **Waves and Music**

#### **3 credit hours**

This interdisciplinary course explores the science behind the music we listen to and worship with. Students will learn about the role waves and frequencies play in music and their everyday lives through lecture, videos, hands-on labs, and discussions. They will discover different ways sounds are made, and gain understanding about some of the spiritual implications of vibrations and frequencies. Equivalent Course: GEN 314.

### **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. (This course can substitute for a general education humanities course.)

**Prerequisite:** A grade of "C" or higher in either MAT 106 or 201.

### **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 with a grade of "C" or higher.

### **MAT 321**

#### **Calculus III**

#### **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 with a grade of "C" or higher.

### **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 with a grade of "C" or higher.

### **MAT 332**

#### **Introduction to Biostatistics**

#### **3 credit hours**

An intermediate-level statistics course for students of the health sciences that includes both descriptive and inferential statistics. Topics include sampling techniques, various standard distributions, hypothesis testing, and computer-related statistical packages. (Does not count toward major or minor in mathematics.)

**Prerequisite:** MAT 105, 106, or 201 with a grade of "C" or higher.

### **MAT 401**

#### **Higher Algebra**

#### **3 credit hours**

A consideration of classical abstract algebra. Structures included are groups, rings, integral domains, fields, and extension fields.

**Prerequisite:** MAT 312 with a grade of "C" or higher.

### **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 with a grade of "C" or higher.

### **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 with a grade of "C" or higher.

**Course fee:** \$45

### **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.)

**Restriction:** Permission from instructor required.

**Course fee:** \$45

### **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.

**Restriction:** Permission of department chair.

### **MAT 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. (Equivalent Course: PHY 455).

**Prerequisites:** PHY 211 and 211L with a grade of "C" or higher.

**Restrictions:** Junior or senior student level; permission from instructor.

**Course fee:** \$55.

### **MAT 498**

#### **Senior Paper/Project Preparation**

#### **1 credit hour**

Assists students in preparing for their senior paper/project and ePortfolio.

### **MAT 499**

#### **Senior Paper/Project**

#### **2 credit hours**

Special topics approved by the student and instructor.

**Prerequisite:** MAT 498 with a grade of "C" or higher.

### **MAT 999**

#### **Mathematics Elective**

#### **1-6 credit hours**

Course transferred to apply to an ORU major or minor. (More than one course can be transferred under this number.)

**Restriction:** Approval by petition to department chair.

## **Mechanical Engineering (ME)**

### **ME 321**

#### **Mechanics of Materials**

#### **3 credit hours**

A study of elastic and inelastic stress-strain behavior of engineering materials, deflection of beams, and column action. Incorporates lab experience and design. (Equivalent Course: 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. (Equivalent Course: PHY 453.)

**Prerequisite:** EGR 231.

**Course fee:** \$55.

### **ME 371**

#### **Machines and Mechanisms**

#### **3 credit hours**

A study of the design of machines based on kinematic and kinetic requirements. Machine elements considered include linkages, cams, and engines. Presents inertia force analysis as a basis for the dynamic balancing of rotating machinery. Students conduct lab experiments and design and construct mechanism models.

**Prerequisite:** EGR 222.

**Course fee:** \$55.

### **ME 381**

#### **Principles of Design**

#### **3 credit hours**

The study and application of the methods of analysis used to design machine components based on the stresses and

strains induced by static, dynamic, and thermal loads. Considers avoidance of failure due to impact, fatigue, wear, and surface damage. Introduces finite element analysis of structures. Design projects are required.

**Prerequisite:** ME 321.

**Course fee:** \$100

### **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:** \$100

### **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. Students conduct experiments. Introduces SolidWorks Flow Simulation software.

**Prerequisite:** ME 331.

**Course fee:** \$100

### **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.

**Restriction:** Junior standing

**Course fee:** \$100

### **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 or co-requisite:** MAT 312, ME 321

**Course fee:** \$100

### **ME 450**

#### **Special Topics**

**3 credit hours**

Courses of current interest.

**Restriction:** Permission from instructor required.

**Course fee:** \$100

### **ME 461**

#### **Manufacturing Processes**

**3 credit hours**

The study of fabrication processes for the production of metallic, plastic, and composite parts.

**Prerequisites:** MAT 201

**Restriction:** Junior standing.

**Course fee:** \$100

### **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.

**Restriction:** Permission from instructor or department chair.

### **ME 999**

#### **Mechanical Engineering Elective**

**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.

## **Master of Education (MED)**

### **MED 501**

#### **Effective Leadership**

**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. Program completers demonstrate the capability to promote the success and wellbeing of each student, teacher, and leader by applying the knowledge, skills, and commitments necessary for professional norms, ethical behavior, and responsibility.

### **MED 502**

#### **Culturally Responsive Education**

**3 credit hours**

Prepares educational leaders to develop the knowledge skills and abilities commensurate with culturally responsive teaching, equity literacy and syncopated vs synchronized caring. Students will be provided with strategies to engage communities in a culturally responsive way at the professional and personal level.

Students will learn how to apply culturally

responsive practices in the community, curriculum, and classroom.

### **MED 503**

#### **Research I: Systematic Inquiry**

**3 credit hours**

Designed for the novice researcher, students are taught to be informed, critical, and literate consumers of research. Prepares graduate students to identify a conceptual framework and develop a research question; build arguments supported with evidence; make informed design decisions; engage in reflective, ethical practices; and determine a topic for capstone project.

### **MED 504**

#### **Effective Communication Strategies for Educational Leaders**

**3 credit hours**

Communication strategies and techniques with emphasis on professional speaking and written communication; training in public communication techniques and strategies, and improvement of communication styles; use of technology, communication with public media, and data presentation.

### **MED 512**

#### **Strategically Leading Organizations**

**3 credit hours**

An examination of the nature and behavior of educational organizations, including an overview and analysis of the change process with emphasis on various strategies for leading change.

### **MED 523**

#### **Operational Leadership: Human, Physical, and Capital Resources**

**3 credit hours**

Prepares the administrator to lead and manage a complete school operations program. Instructs executive level education leaders in applying knowledge and skills that ensure the effective and efficient management of the district's operations and resources.

**Prerequisite:** MED 503 Research I: Systematic Inquiry

### **MED 524**

#### **Policy, Governance, and Politics**

**3 credit hours**

An analysis of the historical and contemporary legal, political, and ethical issues of public and private schooling, with an emphasis on national, state, and local educational issues, the political environment, laws, and court cases. Explores social, economic, multicultural, and political factors in the context of educational organizations' governance and their constituent communities.

**MED 525****Leadership of Curricular and Instructional Practices****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. Presents an overview of the theory and application of educational evaluation and measurement.

**MED 544****Leading from the Middle: Building Level Leadership****3 credit hours**

Presents an integration of theory and practice related to the roles and responsibilities of building-level school leaders in the public school context. Emphasizes obtaining knowledge and demonstrating the skills to perform the general requirements of building-level leadership. Defines the principal's role in developing and implementing effective policies and procedures to promote the success and well-being of each student, teacher, and leader by applying the knowledge, skills, and commitments necessary for: 1) effective communication; 2) engagement; 3) partnerships; and 4) advocacy.

**MED 582****Spiritual Perspective in Education****2 credit hours**

An examination of the role of faith and spiritual formation in education. Studies the influence and application of a spiritual perspective on the educational process.

**MED 593****Internship in Executive School Leadership****3 credit hours**

An opportunity to integrate theory and practice in a field-based setting under the guidance of an experienced cooperating administrator serving as a mentor. Provides a variety of meaningful, authentic, leadership experiences in district/school settings. The experiences are coordinated by the university supervisor in consultation with the cooperating administrator and address NELP standards.

**MED 599****Educational Concepts****0.5 credit hours**

A leveling course introducing fundamental concepts and terms in education.

**Management (MGT)****MGT 130****Principles of Management****3 credit hours**

An introductory course presenting the basic theories, functions, and practice of management; including the analysis and evaluation of the planning, organization, controlling, and leadership responsibilities of a manager. Current and possible future trends in management are explored as is managing in a culturally-diverse and global environment and ethical decision-making practices.

**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 course of communications skills needed in the business environment. Course content includes writing memoranda, letters, reports, resumes, and electronic messages; delivering oral presentations; and developing interpersonal skills. Critical thinking and problem-solving skills are emphasized. Development of these skills is integrated with the use of technology. (Equivalent Courses: GBUS 504 and PRFB 504.)

**Prerequisite:** COM 101

**MGT 351****Risk Management****3 credit hours**

A survey course examining Enterprise Risk Management (ERM) with an emphasis on a holistic approach to managing risk within an organization and its ecosystem of third party members.

**Prerequisites:** MGT 130, ACT 215, ACT 216, BUS 201, BUS 202.

**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. (Equivalent Course: GGMT 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 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 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. (Equivalent Course: GGMT 556.)

**MGT 431****Strategic Management****3 credit hours**

Examines the operations of firms within industries from a macro perspective. Studies strategy formulation, strategy implementation, and strategy evaluation and control. Focuses on the competitive abilities and strategies of the firm and integrates concepts from the functional areas of accounting, finance, information systems, management, and marketing. (One of two capstone courses that must be taken by all ORU School of Business seniors.)

**Prerequisite:** FIN 338 and MGT 341.

**Restriction:** Senior standing and a minimum 2.40 cumulative GPA.

**National Field Test in Business fee:** \$25.

**MGT 443****Executive Leadership 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. (Equivalent Course: GGMT 551.)

**Restriction:** 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.

**Prerequisite:** Student must have an internship position pre-arranged before the first day of class.

**Restriction:** Management major.

### **MGT 460**

#### **Workforce Planning/Employ Law**

##### **3 credit hours**

Explores the methods, tools and technology employed by the organizations for effective workforce planning/staffing and the Federal laws and regulations related to recruitment, selection, hiring, and employment such as Title VII, ADA, EEOC Uniform Guidelines on Employee Selection Procedures, Immigration Reform and Control Act.

**Prerequisite:** BUS 325 and MGT 353

### **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.

(Equivalent Course: GGMT 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.

**Prerequisite:** MGT 130

### **MGT 470**

#### **Compensation and Benefits**

##### **3 credit hours**

Examines the financial reward and compensation systems of organizations and their related theoretical and legal aspects including applicable federal laws and regulations regarding compensation, benefits, and tax. Examines best practices of HR systems, including wage surveys, job evaluations, incentives, pay equity, benefits, and compensation strategy.

**Prerequisite:** BUS 325 and MGT 353

### **MGT 999**

#### **Management Elective**

##### **1-6 credit hours**

Course transferred to apply to an ORU major or minor. (More than one course can be transferred under this number.)

**Restriction:** Approval by petition to department chair.

## **Missions (MISS)**

### **MISS 244**

#### **Introduction to Short-Term Intercultural Missions**

##### **1 credit hour**

A transformative learning experience to enlarge individual perspectives with a global focus that involves personal leadership development, biblical understanding of the Great Commission, cross-cultural context discovery, and communication of the Gospel for an intercultural engagement trip.

### **MISS 245**

#### **Introduction to Short-Term Intercultural Missions Leadership**

##### **1 credit hour**

A short survey of the history of modern missions and an examination of the tactics and practices of the Biblical basis of missions. Proposes a people-to-people strategy working from within the culture.

### **MISS 300**

#### **History of Missions**

##### **3 credit hours**

A short survey of the history of modern missions and an examination of the tactics and practices of the Biblical basis of missions. Proposes a people-to-people strategy working from within the culture.

### **MISS 325**

#### **Introduction to Christian Missions**

##### **3 credit hours**

Provides a general overview of missions. Examines missionary principles and practices from Biblical, historical, and cultural perspectives and helps the students to formulate a personal approach to

missions. It further prepares them for other related mission studies.

### **MISS 333**

#### **Theology of Missions**

##### **3 credit hours**

A study of the Biblical and theological basis and guidelines for the Church's world mission, with application to current practice. Includes contemporary theological perspectives on missions.

### **MISS 350**

#### **Missions and Culture**

##### **3 credit hours**

Examines the vital role culture plays in spreading the Gospel. Studies the origins and development of people groups from a cross-cultural perspective.

### **MISS 396**

#### **Internship Preparation**

##### **1 credit hour**

A one hour course to prepare students for their internship who are MISS and GMMP majors. Course focuses on financial, spiritual, emotional and intellectual preparation. Examines and helps students implement successful preparation strategies for the cross-cultural internship. This course is required to be completed in the fall prior to enrolling in MISS 397.

### **MISS 397**

#### **Missions Internship**

##### **2 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.

### **MISS 398**

#### **Global Ministry and the Marketplace Internship**

##### **2 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.

### **MISS 401**

#### **Ministry and Business**

##### **3 credit hours**

Examines the role business can play in spreading the gospel in the global setting. Explores the related models of marketplace ministries, tent making, enterprise development, and business as mission.

### **MISS 404**

#### **Church Growth and Planting**

##### **3 credit hours**

An orientation to the varied dimensions of starting new churches. Applies basic principles and procedures of church growth to both the world mission and local church situations. These studies are related to evangelism, mission, education, and administrative leadership.

### **MISS 455**

#### **Intensive Studies**

##### **1-3 credit hours**

An investigation of selected missions themes. Area of study may vary.

### **MISS 499**

#### **Senior Paper/Portfolio**

##### **3 credit hours**

Designed for seniors who, after completing 150 hours of missions internship experience, write a major paper that takes into account their internship experiences, philosophy of ministry and a research component that deals with a specialized area of missions.

**Prerequisites:** THE 217.

### **MISS 999**

#### **Missions Elective**

##### **1-6 credit hours**

Course transferred to apply to an ORU major or minor. (More than one course can be transferred under this number.)

**Restriction:** Approval by petition to department chair.

## **Marketing (MKT)**

### **MKT 130**

#### **Principles of Marketing**

##### **3 credit hours**

A study of the structure and analysis of consumer and industrial markets and the behavior of business firms in a competitive economy. Includes marketing policies and practices, marketing consumer goods, and marketing industrial goods.

### **MKT 333**

#### **Consumer Behavior**

##### **3 credit hours**

A study of the consumer as the focal point in a dynamic economic system. Explores a large body of published and unpublished literature, discusses generalizations, and develops various practical implications of consumer information processing. Such an approach leads to the exploration and use of new marketing techniques and methods. (Equivalent Course: GMKT 533.)

**Prerequisite:** MKT 130.

### **MKT 334**

#### **Integrated Marketing Communications**

##### **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. (Equivalent Course: GMKT 534.)

**Prerequisite:** MKT 333.

### **MKT 346**

#### **Selling and Sales Management**

##### **3 credit hours**

A study of the management of the outside sales force. Topics include organizing, staffing, operating, and planning functions in a sales-management context. Uses computer simulation. (Equivalent Course: GMKT 546.)

**Prerequisite:** MKT 333.

### **MKT 350**

#### **Digital Marketing**

##### **3 credit hours**

Provides students with a detailed look at the process of planning and designing tools to be used in online marketing as well as an overview of the online marketing industry.

**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. (Equivalent Course: GINB 570.)

**Prerequisite:** MKT 130.

### **MKT 400**

#### **Social Media Marketing**

##### **3 Credit Hours**

A study of the application of social networking tools and methods in marketing related to the analytical tools available to measure the effectiveness of social media programs. The course will focus on the use of social networks for branding and marketing purposes at the individual and corporate level. The class also includes hands-on development of social media tactics and channels

**Prerequisites:** MKT 333 and MKT 350

### **MKT 445**

#### **Marketing Research**

##### **3 credit hours**

A study of the systems, techniques, and methods used in meeting marketing management information needs.

**Prerequisite:** MKT 333 or GMKT 533.

### **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 449**

#### **Marketing Analytics**

##### **3 credit hours**

This course will explore marketing concepts and practices in the light of research and statistical analysis techniques in order to provide a deliberated and scientific view of the process of establishing and implementing marketing and business strategy. Traditional media (print, radio, TV) will be studied along with digital media including the internet and social media. Equivalent Course: GMKT 549.

**Prerequisites:** MKT 445

### **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.

**Prerequisite:** Student must have an internship position pre-arranged before the first day of class.

**Restriction:** Marketing majors only.

### **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.

**Prerequisites:** MKT 334, MKT 346, and MKT 445.

### **MKT 999**

#### **Marketing Elective**

##### **1-6 credit hours**

Course transferred to apply to an ORU major or minor. (More than one course can be transferred under this number.)

**Restriction:** 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 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. Restriction: Senior standing.

### **MMC 499**

#### **Senior Research Project 2 to 3 credit hours**

Specialized research culminating in a senior paper and/ or other approved project. Equivalent Course: JRN 499 and PRP 499

**Course fee:** \$40

### **MMC 999**

#### **Mass Media: Communications Elective 1-6 credit hours**

Course transferred to apply to an ORU major or minor. (More than one course can be transferred under this number.)

Restriction: Approval by petition to department chair.

## **Music (MUS)**

### **MUS 001-025, 051**

**Applied Music (Secondary instrument or voice). Vocal, keyboard, orchestral instrument, or Audio Workstation lessons.**

#### **1 credit hour**

(One 25-minute lesson per week.) Note: A jury is required for all applied music lessons.

- MUS 001 Applied Music: Piano\*\***
- MUS 002 Applied Music: Organ\*\***
- MUS 003 Applied Music: Harpsichord\*\***
- MUS 004 Applied Music: Voice**
- MUS 005 Applied Music: Guitar**
- MUS 006 Applied Music: Harp\*\***
- MUS 007 Applied Music: Violin**
- MUS 008 Applied Music: Viola**
- MUS 009 Applied Music: Violoncello**
- MUS 010 Applied Music: Drum Set**
- MUS 011 Applied Music: Double Bass**
- MUS 012 Applied Music: Flute**
- MUS 013 Applied Music: Oboe**
- MUS 014 Applied Music: Clarinet**
- MUS 015 Applied Music: Saxophone**
- MUS 016 Applied Music: Bassoon**
- MUS 017 Applied Music: French Horn**
- MUS 018 Applied Music: Trumpet**
- MUS 019 Applied Music: Trombone**
- MUS 020 Applied Music: Vocal Coaching**

- MUS 021 Applied Music: Baritone Horn**
- MUS 022 Applied Music: Tuba**
- MUS 023 Applied Music: Percussion\*\***
- MUS 024 Applied Music: Composition**
- MUS 025 Applied Music: Audio Workstation\*\*\***

**MUS 051 Applied Music: Arranging**  
**Restriction:** Department approval required.  
**Course fee:** \$250 per credit hour.  
\*\*Instrument use fee: \$55. \*\*\*Lab fee: \$55.

### **MUS 026-050, 052-055, 059**

**Applied Music (Primary instrument or voice). Vocal, keyboard, or orchestral instrument, or Audio Workstation lessons.**

#### **2 credit hours**

(One 50-minute lesson per week.) Note: A jury is required for all applied music lessons.

- MUS 026 Applied Music: Piano\*\***
- MUS 027 Applied Music: Organ\*\***
- MUS 028 Applied Music: Harpsichord\*\***
- MUS 029 Applied Music: Voice**
- MUS 031 Applied Music: Guitar**
- MUS 032 Applied Music: Harp\*\***
- MUS 033 Applied Music: Violin**
- MUS 034 Applied Music: Viola**
- MUS 035 Applied Music: Violoncello**
- MUS 036 Applied Music: Double Bass**
- MUS 037 Applied Music: Flute**
- MUS 038 Applied Music: Oboe**
- MUS 039 Applied Music: Clarinet**
- MUS 040 Applied Music: Saxophone**
- MUS 041 Applied Music: Bassoon**
- MUS 042 Applied Music: French Horn**
- MUS 043 Applied Music: Trumpet**
- MUS 044 Applied Music: Trombone**
- MUS 045 Applied Music: Baritone Horn**
- MUS 046 Applied Music: Tuba**
- MUS 047 Applied Music: Percussion\*\***
- MUS 048 Applied Music: Composition**
- MUS 049 Applied Music: Audio Workstation\*\*\***

- MUS 050 Applied Music: Drumset**
- MUS 052 Applied Music: Contemporary Guitar**
- MUS 053 Applied Music: Contemporary Piano**
- MUS 054 Applied Music: Contemporary Drums and Percussion**
- MUS 055 Applied Music: Contemporary Bass**
- MUS 059 Applied Music: Arranging**  
**Restriction:** Department approval required.  
**Course fee:** \$250 per credit hour.  
\*\*Instrument use fee: \$55, \*\*\*Music tech fee: \$55.

### **MUS 061-089**

**Performance Groups (band, choir, orchestra, or ensemble.)**

#### **0-1 credit hour**

- MUS 061 Chamber Singers\***
- MUS 063 University Chorale\***

- MUS 065 Orchestra\***
- MUS 067 Wind Ensemble\***
- MUS 070 Chamber Ensemble\***
- MUS 073 Opera Theatre\***
- MUS 074 Summer Music Ensemble\***
- MUS 075 Jazz Ensemble\***
- MUS 079 Music Production Ensemble**
- MUS 080 Guitar Ensemble\***
- MUS 081 String Ensemble\***
- MUS 083 Brass Ensemble\***
- MUS 085 Vocal Ensemble\***
- MUS 086 Jazz Combo\***
- MUS 087 Handbell Choir\*\***
- MUS 089 Contemporary Music Ministry Ensemble**

**Course Fees:** \*Music ensemble fee: \$40.  
\*\*Instrument use fee: \$55.

### **MUS 056**

#### **Mid-Year Review 0 credit hours**

Required review of music majors to determine the progress of the student in music theory, applied lessons, and class piano. Faculty will evaluate student's progress in end of semester juries and meet the Monday after finals to determine if student will progress to the next semester as a music major.

### **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 0-1 credit hour**

Content includes the following: (1) convocations to orient students to departmental policies, to advise students for preregistration, and to instruct students in special areas of music interest, such as music ministry as it relates to the superordinate goals of the university and music's interrelatedness to the visual arts, drama literature, and history; (2) recitals of faculty and students in solo and ensemble performances; and (3) recital and concert performances both on and off campus. (This course is required for seven semesters for music majors--only four receive credit--and four semesters for minors.)

### **MUS 100**

#### **Fundamentals of Music 3 credit hours**

A study of the rudiments of music, including notation, scales, key signatures, simple intervals, primary triads, dominant seventh chords, basic musical terminology, and

simple practices in contemporary music, as well as ear training and keyboard chording.

### **MUS 101**

#### **Harmony I**

#### **2 credit hours**

Provides a foundation in analytical, quasi-compositional, and keyboard skills combined with historical perspectives. Introduces style periods and style analysis. Includes the rudiments of music and harmonic concepts and all diatonic triads in major and minor keys in root position and inversions. Presents melodic structure for purposes of analyzing and creating with applications to music beyond that of the common practice period of Western civilization. (Companion course to MUS 103.)

**Prerequisite:** MUS 100 or a passing score on the music theory placement exam.

### **MUS 102**

#### **Harmony II**

#### **2 credit hours**

A continuation of MUS 101. Includes (1) analysis of music including half and fully diminished sevenths, non-dominant sevenths, secondary dominants and modulation, two-and three-part song forms, and American popular song, along with blues, boogie, and jazz; (2) part-writing of figured basses, harmonizing in chorale, instrumental and keyboard styles, and composing and improvising using harmonic and stylistic vocabularies; and (3) harmonizing at the keyboard excerpts of folk songs, American popular songs, blues, boogie, and jazz.

**Prerequisites:** MUS 101 and 103; or evidence of comparable study or skills.

**Co-requisite:** MUS 104.

### **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 that 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.

**Prerequisites:** MUS 101 and 103; or evidence of comparable knowledge and skills.

**Co-requisite:** MUS 102.

### **MUS 105**

#### **Introduction to Music Production**

#### **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.

**Course fee:** \$55.

### **MUS 106**

#### **Intermediate Music Production**

#### **1 credit hour**

A survey of concepts, equipment, and techniques associated with the contemporary music recording studio. Includes aspects of digital audio editing, and the Digital Audio Workstation (DAW) software, including traditional MIDI and the use of microphones, speakers, and the mixer board.

**Prerequisite:** MUS 100 or 101.

**Course 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.

**Restriction:** Permission of instructor required.

**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.

**Restriction:** Permission of instructor required.

**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 130**

#### **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. (Equivalent Course: HUM 260.)

### **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. (BME Majors 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 160****Live Sound****2 credit hours**

An in-depth study of concepts, equipment, and techniques associated with the modern sound system. Includes aspects of the appropriate use of various microphones, public address components, and related items. Lectures are supplemented with and supported by practical, hands-on application.

**Prerequisite:** MUS 105.

**Instrument Use Fee:** \$55.

**MUS 165****Lights/Projection for Music****2 credit hours**

An in-depth study of concepts, equipment, and techniques associated with modern lighting and video presentation. Includes aspects of the appropriate use of related software and hardware. Lectures are supplemented with and supported by practical, hands-on application.

**Prerequisite:** MUS 105.

**Instrument Use Fee:** \$55.

**MUS 170****Cross-Cultural Worship****3 credit hours**

A study of Christian musical worship practices from various cultural perspectives-how they are similar, how they differ, and how they can effectively enhance, enliven, and enrich each other.

**MUS 185****Interdisciplinary Songwriting****2 credit hours**

An in-depth study of concepts, equipment and techniques associated with the assembly and operation of the

contemporary music recording studio.

Lectures are contrasted with and supported by practical, hands-on application.

**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 for Worship****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**

Go beyond music performance and discover the "why" of music. Through the study of music systems, instruments and performances around the globe, the student can begin to understand the people and beliefs they represent. Students will learn the basic tools for interacting with music and musicians in any culture and be exposed to a vast array of music styles.

**MUS 210****Keyboard Skills for Worship****2 credit hours**

A study of keyboard techniques applicable to modern worship. Students improvise materials from chord charts and apply knowledge of new techniques in weekly performances. Some keyboard experience and basic music reading are required.

**Prerequisite:** Music Theory Placement exam or MUS 100.

**Instrument fee:** \$55.

**MUS 228****Contemporary Music Theory/Lead Chart Notation****2 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 245**

#### **Live Worship Music Technology**

**2 credit hours**

An in-depth study of concepts, equipment, software and techniques associated with the musical needs of the contemporary worship platform and modern music in general. Lectures are contrasted with and supported by practical, hands-on application.

### **MUS 255**

#### **Album Recording Lab**

**3 credit hours**

This course is designed to teach students music production techniques by recording original songs written by students.

### **MUS 256**

#### **Songwriting Lab for Album Recording**

**1 credit hour**

This course is designed for both aspiring and experienced songwriters. We will explore the craft of songwriting through the listening, analysis and writing of songs. Students will work towards recording a demo of their songs that will be reviewed by a panel of faculty members. Outstanding songs selected by the panel will be produced professionally.

### **MUS 260**

#### **Live Sound 2**

**2 credit hours**

A study of Live Sound Reinforcement. Focuses on the art of mixing and in-depth controls of a sound reinforcement system. Covers the complete operation of a sound reinforcement system in a real-world, live concert or event setting.

**Prerequisite:** MUS 105 or equivalent and MUS 160.

**Instrument use fee:** \$55.

### **MUS 270**

#### **Ethnomusicology in Practice**

**3 credit hours**

A study in the foundational principles of ethnomusicology and how to apply them in cross-cultural ministry. This course will prepare you to interact with musicians from other cultures in relevant and sensitive ways. Students will learn how to use ethnomusicology principles to encourage communities to engage in their own selection of arts, those most meaningful to them, to meet their felt needs.

### **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 Production**

**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, power user techniques, current trends, hardware, and information resources. Other subjects may include notation, composing for pictures, sequencing, sampling, controllers, and other topics. The course, designed to follow MUS 105, is project-oriented and requires lab time. Students may take MUS 310 more than once if different content is covered each time.

**Prerequisite:** MUS 105 or equivalent.

**Instrument Use Fee:** \$55

### **MUS 313**

#### **Digital Audio Workstation**

**3 credit hours**

A course designed to acquaint students with the creative potential of the Digital Audio Workstation as an essential tool in modern recording studios. Includes the use of Mac-based music recording software to create commercially viable musical ideas.

**Course fee:** \$55

### **MUS 315**

#### **Music for Film and Other Media**

**3 credit hours**

Educates and trains students in creating music for film, video games, and other related media. Focuses on social media and

the opportunities it affords in this field. Includes the use of Mac-based music recording software.

**Course fee:** \$55

### **MUS 316**

#### **Music Licensing and Distribution**

**3 credit hours**

An in-depth study of concepts, equipment and techniques associated with the distribution of contemporary music. Includes recent trends in social media options as well as more established traditions and avenues of music distribution.

**Prerequisite:** MUS 105 or equivalent.

**Course fee:** \$55

### **MUS 317**

#### **Music Production Practicum**

**1 credit hour**

The student will visit up to five potential internship venues, preparing the way for an upcoming internship semester under the CAM 451 internship class. Venues will vary, from smaller to larger churches, recording studios and other similar types of organizations where Music Production skills can be successfully applied.

**Prerequisites:** MUS 049, MUS 313, MUS381

### **MUS 318**

#### **Sound Stage Scoring**

**2 credit hours**

A study of the compositional techniques, contemporary harmonizations, arranging tools, and popular song.

**Course 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.

**Restriction:** Department approval required.

### **MUS 327**

#### **Keyboard Pedagogy and Repertoire**

##### **1 credit hour**

A lecture-discussion-demonstration course for the keyboard major or minor who anticipates a future profession in individual and group studio teaching.

**Restriction:** Department approval required.

### **MUS 328**

#### **Orchestration for Film Music**

##### **3 credit hours**

Designed to teach students how to compose and score music for moving pictures, game soundtracks and voice over recordings, utilizing human vocalists and instrumentalists in a live recording environment.

**Course fee:** \$55.

### **MUS 329**

#### **Marching Band Techniques**

##### **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**

##### **.5-1 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**

##### **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 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.

**Restriction:** Permission of the department.

### **MUS 360**

#### **Advanced Film Music**

##### **3 credit hours**

Designed to teach students how to compose and score music for moving pictures, game soundtracks and voice over situations.

**Prerequisites:** MUS 313 and MUS 315.

**Course fee:** \$55.

### **MUS 370**

#### **Ethnic Music Perspectives**

##### **3 credit hours**

Concentrated study through performance of a selected ethnic music culture. Topics vary. Cultural focus may also correspond with the cultural foci of the available ethnomusicology internships.

**Course fee:** \$40

### **MUS 381**

#### **Sound Stage Recording**

##### **3 credit hours**

Designed to teach students how to compose and score music for moving

pictures, game soundtracks and voice over recordings, utilizing human vocalists and instrumentalists in a live recording environment.

**Prerequisite:** MUS 302.

**Instrument use fee:** \$55.

### **MUS 385**

#### **Advanced Music Production**

##### **3 credit hours**

An in-depth study of concepts, equipment and techniques associated with the assembly and operation of the contemporary music recording studio. Lectures are contrasted with and supported by practical, hands-on application.

**Prerequisites:** MUS 049, 313 and 381.

**Course fee:** \$55

### **MUS 389**

#### **Music Industry Practices**

##### **3 credit hours**

An in-depth study of concepts, practices and trends associated with the current commercial music industry. Lectures and contrasted with and supported by practical, hands-on application.

**Prerequisite:** MUS 310.

**Course fee:** \$55

### **MUS 399**

#### **Junior Recital**

##### **2 credit hours**

A performance demonstrating a competency, approximately 25 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 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.  
Restriction: Permission from the Coordinator of Church Music and Worship.

### **MUS 421**

#### **Senior Recital**

#### **2-3 credit hours**

A performance demonstrating a high level of performance practice of music representing three to four historical style periods. (For B.M. voice primary degree candidates, facility in three to four languages is required.) Each recital should contain approximately 50 minutes of music. B.M.E. candidates may choose to perform a full recital as outlined above or a music education recital for two, instead of three credit hours. Such a recital is to be approximately two-thirds of the full requirement in length and performance demands. A lecture recital is also available and does not require a junior recital as a prerequisite.

**Prerequisites in applied music:** Primary—For MUP majors, 14 credit hours and successful junior recital. For MWOR majors, at least 12 credit hours and a successful junior recital. For MUCO majors, at least 8 hours of applied composition and 6 hours of a primary instrument. For MUE majors, at least 10 hours. For MUA majors, at least 12 hours and a successful junior recital.

**Course fee:** \$100

### **MUS 426**

#### **Elementary Music Methods and Evaluation**

#### **3 credit hours**

A course designed to develop the students' skills and sequence of instruction of musical activities within the elementary classroom. Prepares teacher candidates through the exploration and application of music methods, assessment, and instructional strategies.

### **MUS 427**

#### **Secondary Music Methods and Evaluation**

#### **2 credit hours**

A course designed to introduce students to the management and instructional skills needed to direct a high school music program. Prepares teacher candidates to manage rehearsals and prepares them for instruction and assessment of non-performance classes.

### **MUS 431**

#### **Composition: Advanced Studies-Ensembles**

#### **3 credit hours**

Designed to teach students how to compose and arrange music for large

instrumental/vocal ensembles. Studies techniques of composing for vocal and instrumental ensembles.

### **MUS 441**

#### **String Instruments**

#### **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 443**

#### **Conducting II: Choral**

#### **1-2 credit hours**

Continues the study of choral conducting and the criteria for developing a choral music program. Includes classifying voices, developing choral tone, programming concerts, and researching a repertoire of music suitable for use in a variety of settings.

**Prerequisite:** MUS 333.

### **MUS 444**

#### **Conducting II: Instrumental**

#### **2 credit hours**

Continues the study of instrumental conducting, establishing rehearsal techniques for instrumental classroom situations, and developing a usable repertoire for the elementary and secondary instrumental curriculum.

**Prerequisite:** MUS 333.

### **MUS 451**

#### **Worship Ministry Leadership**

#### **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**

#### **Worship in the Modern 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 460**

#### **Professional Touring**

#### **3 credit hours**

An in-depth study of concepts, equipment and techniques associated with the

contemporary music tour. Lectures are supported by practical, hands-on application, including actual travel and tour dates

**Prerequisites:** MUS 160, 165, 260, 310, and 389.

**Course fee:** \$55

### **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 470**

#### **Cross-Cultural Internship**

#### **3 credit hours**

A supervised, on-the-job experience with an approved cross-cultural ministry giving students practical experience and an opportunity to directly contribute to a Christian community. May include foreign travel with an approved ministry that provides a first-hand encounter with the culture of a people group and engagement with the worship life of a cross-cultural community.

**Restrictions:** Permission from student's faculty advisor; must be in final year.

### **MUS 499**

#### **Senior Project/Paper**

#### **2-3 credit hours**

Designed for seniors (possibly second semester juniors) studying under the guidance of a faculty advisor to produce a research paper or creative artistic project or paper or a research-oriented educational project. B.M.E. candidates may choose to complete a project/paper for two credit hours, instead of three, which would be approximately two-thirds of the full requirement and deal with a specific educational issue.

**Prerequisites:** B.M.E. majors need five semesters of the appropriate applied music primary; B.M. (sacred only) need seven semesters of the appropriate applied music primary; B.A. majors need four semesters of the appropriate applied music primary.

### **MUS 999**

#### **Music Elective**

#### **1-6 credit hours**

Course transferred to apply to an ORU major or minor. (More than one course can be transferred under this number.)

**Restriction:** Approval by petition to department chair.

## Music Therapy (MUT)

### **MUT 153**

#### **Introduction to Music Therapy 2 credit hours**

A survey of the scope and variety of practices in the music therapy profession. Covers topics such as the history of music therapy, current research, and methodologies used in treatment plans. Includes musical styles through composed songs and helps develop improvisational skills for use in music therapy sessions for a variety of clinical populations.

**Co-requisite:** MUT 156.

### **MUT 156**

#### **Clinical Orientation 1 credit hour**

Prepares the student for future clinical experiences through observation. Focuses on the use of the voice and singing in music therapy practice. Students explore the importance of the voice in a person's development as well as the many ways to use the voice in music therapy.

**Co-requisite:** MUT 105.

**Course fee:** \$25

### **MUT 203**

#### **Psychology of Music 3 credit hours**

Introduces the psychological and physiological responses to music and music perception. Musical behaviors and preferences are examined in relation to music learning and pedagogy.

### **MUT 256**

#### **Instrumental Skills for Music Therapy 1 credit hour**

Study of the instrumental skills as applied in the music therapy setting utilizing keyboard, guitar, percussion, autoharp, electronic, and other instruments. Designing music therapy interventions utilizing various instruments and facilitating ensembles will be included. This course is open to music and music therapy students only.

### **MUT 303**

#### **Music Therapy I: Developmental 2 credit hours**

An examination of music therapy techniques used in the special education setting and current legislation related to education and care of students with disabilities.

**Prerequisites:** MUT 153 and 156.

**Co-requisite:** MUT 306.

### **MUT 306**

#### **Clinical I: Developmental 1 credit hour**

Supervised pre-clinical experience in community settings; each semester of study

is correlated with the population being considered in the corresponding core music therapy course. Includes not only music therapy knowledge and skills, but also how to use them to make a difference in the community to improve the quality of life. (Requires a minimum of 12 documented hours of community engagement.)

**Prerequisites:** MUT 153 and 156.

**Co-requisite:** MUT 303.

### **MUT 353**

#### **Music Therapy II: Geriatrics 2 credit hours**

A study of music therapy techniques used with individuals in geriatric settings. Examines issues concerning the use of music therapy within this population. (This is a writing enhanced course in which writing is used as a learning tool.) Emphasizes technical writing skills necessary in the field of music therapy.

**Prerequisites:** MUT 153 and 156.

**Co-requisite:** MUT 356.

### **MUT 356**

#### **Clinical II: Geriatrics 1 credit hour**

Supervised pre-clinical experience in community settings; each semester of study is correlated with the population being considered in the corresponding core music therapy course. Includes not only music therapy knowledge and skills, but also how to use them to make a difference in the community to improve the quality of life. (Requires a minimum of 12 documented hours of community engagement.)

**Prerequisites:** MUT 153 and 156.

**Co-requisite:** MUT 353.

### **MUT 403**

#### **Music Therapy III: Psychiatric 2 credit hours**

A study of music therapy procedures used with individuals in psychiatric settings. Examines issues concerning the use of music therapy within this population. (This is a writing enhanced course in which writing is used as a learning tool.) Emphasizes technical writing skills necessary in the field of music therapy.

**Prerequisites:** MUT 153 and 156.

**Co-requisite:** MUT 406.

### **MUT 406**

#### **Clinical III: Psychiatric 1 credit hour**

Supervised pre-clinical experience in community settings; each semester of study is correlated with the population being considered in the corresponding core music therapy course. Includes not only music therapy knowledge and skills, but also how to use them to make a difference in the

community to improve the quality of life. (Requires a minimum of 12 documented hours of community engagement.)

**Prerequisites:** MUT 153 and 156.

**Co-requisite:** MUT 403.

### **MUT 453**

#### **Music Therapy IV: Med/Rehab 2 credit hours**

Examination of music therapy in neurologic rehabilitation and medicine. Presentation of research findings in clinical topic areas such as use of music is gait training, sensorimotor processing, speech/language rehabilitation, Hospice/Palliative care, and general medical settings. Application of theories and research findings in neurologic music therapy and music in medicine through practice and demonstration of therapeutic techniques.

**Prerequisites:** MUT 153 and 156.

**Co-requisite:** MUT 456.

### **MUT 456**

#### **Clinical IV: Med/Rehab 1 credit hour**

Supervised pre-clinical experience in community settings; each semester of study is correlated with the population being considered in the corresponding core music therapy course. Includes not only music therapy knowledge and skills, but also how to use them to make a difference in the community to improve the quality of life. (Requires a minimum of 12 documented hours of community engagement.)

**Prerequisites:** MUT 153 and 156.

**Co-requisite:** MUT 453.

### **MUT 466**

#### **Clinical Music Therapy Proficiency 0 credit hours**

Supervised clinical experience in various music therapy settings. This course requires a minimum of 12 documented number of hours of music therapy clinical practice providing an initial music therapy assessment, music therapy treatments, and evaluations for assigned clients at ORU music therapy clinic.

### **MUT 470**

#### **Music Therapy Research/Methods 3 credit hours**

An introduction to descriptive, experimental, philosophical, qualitative, and historical research in music therapy, with particular emphasis on principles of scientific methodology in relation to music therapy theory and practice, data collection, research design, and effective research procedures. Students will prepare critiques of research material and will be guided in designing original research projects related to their own area of interest. Instructional

methodology will include interactive lecture and discussion as well as student research presentations.

**Prerequisites:** MUT 153 and 203.

### **MUT 480**

#### **Music Therapy Internship**

##### **3 credit hours**

This course provides in-depth supervised clinical training at the professional level. The internship is designed and/or selected to meet the individual needs of the student. This requires joint planning by the academic faculty, the internship supervisor, and the student, as well as continuous communication throughout the student's placement. After finishing all of the music therapy coursework in the bachelor's program, students must pass a comprehensive exit interview. Failure of the comprehensive exit interview will result in a student not being enrolled for MUT 480. Prior to beginning their internship, students meet with the Director of Music Therapy to update individualized program plan and to complete the comprehensive exit interview and internship agreement.

## **Nursing (NUR)**

### **NUR 110**

#### **Called to Care: Theory**

##### **1 credit hour**

Introduces the student to the AVSON Curricular Framework, the Theory of Nursing for the Whole Person, Standards of Nursing Practice, and the professional nursing role within the context of a Christian worldview. Addresses historical heritage, current professional environments, and future trends.

**Course fee:** \$105

### **NUR 203**

#### **Intro to Gerontological Nursing**

##### **2 credit hours**

Provides opportunities for students to learn professional roles to support physical, mental, spiritual, and social health for aging adults across the continuum of care. Integrates the Theory of Nursing for the Whole Person and research to identify safe, preventive care.

### **NUR 206**

#### **Foundations of Nursing**

##### **5 credit hours**

Introduces the nursing process and psychomotor nursing skills needed to meet basic human needs in a variety of healthcare settings within the context of the Theory of Nursing for the Whole Person. Students learn to access and apply research evidence to guide safe preventive care. Emphasizes the role of the nurse as a

member of the healthcare team. Presents concepts of client needs, safety, communication, teaching/learning, critical thinking, and cultural diversity.

**Prerequisites:** NUR, 111, 112, 113, 230, 300, and satisfactory progression on B.S.N. degree plan.

**Course fee:** \$425

### **NUR 206L**

#### **Foundations of Nursing Laboratory**

##### **0 credit hours**

This course is the laboratory to NUR 206. Refer to NUR 206 for complete course description.

### **NUR 230**

#### **Pathophysiology I**

##### **3 credit hours**

Provides basic knowledge of pathophysiologic processes, risk factors for diseases, and physical manifestations in related body systems. Integrates genetic, developmental, cultural, and environmental influences on illness across the life span.

**Prerequisite:** PHS 223.

**Co-requisites:** NUR 300 and PHS 224.

**Course fee:** \$350.

### **NUR 300**

#### **Health Assessment I**

##### **3 credit hours**

Introduces performance and documentation of a head-to-toe assessment on a healthy adult. Includes concepts related to obtaining a health history on diverse clients.

**Prerequisites:** PHS 223.

**Co-requisites:** NUR 230 and PHS 224.

### **NUR 301**

#### **Pharmacology I**

##### **3 credit hours**

Introduces pharmacologic agents and classifications. Addresses safe, patient centered care related to medication administration.

**Prerequisites:** NUR 230, 300; PHS 223, 224.

**Co-requisites:** NUR 206

### **NUR 303**

#### **Professional Nursing II: Ethics, Law and Healthcare Delivery**

##### **1 credit hour**

Explores ethical and legal issues prevalent in today's healthcare environment within the context of a Christian worldview and nursing codes of ethics. Utilizes exemplars of current legislative issues, historical cases, and global concerns that set precedence within the U.S. healthcare system.

### **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 206, 230, 300, 301.

### **NUR 306**

#### **Patterns of Health and Illness II**

##### **Families and Children**

##### **3 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 community settings.

**Prerequisites:** NUR 230, 300, 301, 304, 305.

### **NUR 307**

#### **Patterns of Health/ 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.

**Prerequisite:** NUR 301, NUR 304, and NUR 305

**Course fee:** \$350

### **NUR 308**

#### **Patterns of Health and Illness II**

##### **Adults**

##### **4 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. Clinical assignments include experiences in adult acute care settings.

**Prerequisites:** NUR 230, 300, 301, 304, 305.

**Course fee:** \$350.

### **NUR 311**

#### **Adult Health and Illness I**

##### **5 credit hours**

Applies the Theory of Nursing for the Whole Person, scientific principles, and the nursing process to promote, maintain, and restore health of an individual within the context of family and community.

Emphasizes concepts related to common acute and chronic health problems in the adult. Includes simulated labs and clinical

experiences in diverse acute care and community settings.

**Course fee:** \$350

### **NUR 311L**

#### **Patterns of Health and Illness I**

##### **Laboratory**

##### **0 credit hours**

This course is the laboratory to NUR 311. Refer to the course description under NUR 311 for complete course description.

### **NUR 316**

#### **Patterns of Health and Illness: Children and Families**

##### **4 credit hours**

Explores the nursing role in providing family-centered care for commonly occurring acute and chronic illnesses in the pediatric population. Focuses on adapting care based on growth and development. Provides opportunities for varied clinical experiences in pediatric settings. Simulated laboratory emphasizes pediatric psychomotor skills, developmentally appropriate care, and concept focused simulation.

**Prerequisite:** NUR 206 and NUR 311

### **NUR 316L**

#### **Patterns of Health and Illness: Children and Family Laboratory**

##### **0 credit hours**

Explores the nursing role in providing family-centered care for commonly occurring acute and chronic illnesses in the pediatric population. Focuses on adapting care based on growth and development. Provides opportunities for varied clinical experiences in pediatric settings. Simulated laboratory emphasizes pediatric psychomotor skills, developmentally appropriate care, and concept focused simulation.

**Prerequisite:** NUR 206 and NUR 311

### **NUR 318**

#### **Adult Health and Illness II**

##### **4 credit hours**

Applies the nursing process to the care of adults experiencing conditions requiring perioperative and procedural interventions. Includes simulated labs and clinical experiences in divers acute and ambulatory care settings.

**Prerequisite:** NUR 206 and NUR 311

**Course fee:** \$350.

### **NUR 318L**

#### **Adult Health and Illness II Laboratory**

##### **0 credit hours**

Applies the nursing process to the care of adults experiencing conditions requiring perioperative and procedural interventions. Includes simulated labs and clinical

experiences in divers acute and ambulatory care settings.

**Prerequisite:** NUR 206 and NUR 311

### **NUR 320**

#### **Health Promotion and Culture**

##### **2 credit hours**

Provides an understanding of culturally competent health promotion and disease prevention strategies as a foundation for nursing practice. Incorporates health promotion and disease prevention interventions at the primary, secondary, and tertiary levels of prevention. Encourages students to critique and evaluate models and theories of health promotion with multicultural populations and to integrate a cultural assessment framework to their nursing practice. (Offered online.)

### **NUR 335**

#### **Health Informatics**

##### **3 credit hours**

An introduction to Health Informatics, examining the history, current issues and basic concepts of Health Informatics and Health Information Management Systems. The use of technology to enhance decision-making and to improve the health status of the individual, family, and community is emphasized. Through interactive exercises students will apply informatics concepts to clinical practice and propose methods to utilize technology to improve patient safety and work effectiveness. The student will also learn to identify, gather, process, and manage information/data.

**Prerequisite:** NUR 365.

### **NUR 365**

#### **Evidence-Based Practice I**

##### **3 credit hours**

Introduces the student to basic research designs—quantitative and qualitative—commonly used in nursing. Emphasis on accessing and managing current nursing research, reading a research report, and appraising applicability to professional nursing practice.

**Prerequisite:** Admission to the RN to BSN program.

### **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.

**Prerequisites:** NUR 230, 300, 301, 305, 308.

### **NUR 403**

#### **Patterns of Community Health**

##### **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 304, 305, 306, 308, 498.

### **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.

### **NUR 407**

#### **Adult Health & Illness III**

##### **3 credit hours**

Emphasizes nursing judgment for individuals experiencing complex health problems. Focuses on managing care of three or more patients. Prepares the student to transition to the nurse generalist role in an acute care setting. Simulation labs focus on refining selected nursing skills and nursing judgment.

**NUR 408****Professional Nursing III: Management of Care****1 credit hour**

Explores leadership principles and skills required for the nurse as provider and manager of care for groups of patients within a variety of acute care health settings. Focuses on quality improvement and case management in acute care settings.

**NUR 409****Community Health Nursing****3 credit hours**

Provides a beginning study of the principles of community health nursing theory and Christian, professional, and social values for professional nursing practice. Synthesizes professional practice issues in caring for individuals, families, and groups in diverse community environments.

**NUR 411****Community Leadership****5 credit hours**

Explores leadership processes in community nursing and the development of a personal leadership style. Focuses on providing population-based holistic care in the community that affects change using established nursing standards and quality of care.

**NUR 413****Adult Health & Illness IV****5 credit hours**

Synthesizes nursing judgment and advanced skills in caring for individuals with multisystem health problems, including trauma, triage, and disaster response. Clinical experiences take place in critical care areas as well as in a variety of high acuity settings. Simulation labs integrate knowledge, skills, and attitudes essential for professional nursing practice.

**Course fee:** \$350

**NUR 430****Patterns of Childbearing****4 credit hours**

Nursing theory, scientific principles, and critical thinking skills are utilized to promote, maintain, and restore the patterns of health of individuals and families experiencing child bearing in diverse environments. Culturally sensitive care is emphasized in reproductive health, antepartum, intrapartum, postpartum, and neonatal nursing. Clinical focuses on birthing and immediate postpartum nursing of the family unit in acute care setting and selected community and maternal-child experiences.

**Prerequisites:** NUR 230, 300, 301, 304, 305, 307.

**NUR 434****Patterns of Childbearing****3 credit hours**

Emphasizes holistic, culturally appropriate, family-centered nursing with a focus on sexual health, reproduction, and evidence-based care across the lifespan. Provides opportunities for varied clinical experiences in women's health settings. Simulated laboratory experiences emphasize newborn and perinatal nursing care.

**Course fee:** \$350

**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****2-3 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,

**Co-requisite:** Enrollment in senior-level spring courses.

**NUR 479****Special Topics****2-3 credit hours**

Offers a study of topics that meet students' specific needs. Provides options for individual or group study.

**NUR 482****Nursing Concepts Review****2 credit hours**

Reviews content consistent with the NCLEX-RN test plan. Uses prescribed tools to measure nursing knowledge and requires students to assess their strengths and weaknesses

**Prerequisites:** NUR 407, 409, 434, 408

**Co-requisites:** NUR 411, 413, 490

**NUR 490****Transition to Nursing Practice****1 credit hour**

Prepares students for beginning practice as a professional nurse, including resume development, job interviewing, and realities of the transition from the student to the nurse generalist role.

**Prerequisites:** NUR 407, 408, 409, 434

**Co-requisites:** NUR 411, 413, 482

**NUR 498****Research/Senior Paper I****2 credit hours**

Introduces the basics of research methodology that lays the foundation for evidence-based nursing practice. Reinforces learning through reading and analyzing published research studies that illustrate various research methodologies. The student identifies a topic of interest and writes a preliminary SRR (systematic research review.) (Honors section available.)

**Prerequisites:** COMP 303 and MAT 232.

**NUR 499****Research/Senior Paper II****2 credit hours**

Mentors student through the process of producing a systematic research review related to a significant clinical issue. Includes retrieving and evaluating research, summarizing findings, relating evidence to clinical issue, interpreting implications for clinical practice, and disseminating findings. (Honors section available.)

**Prerequisite:** NUR 498.

**NUR 999****Nursing Elective****1-6 credit hours**

Course transferred to apply to an ORU major or minor. (More than one course can be transferred under this number.)

**Restriction:** Approval by petition to department chair.

**Nutrition (NUT)****NUT 201****Nutrition**

**3 credit hours**

A study of the basic principles of nutrition, including the chemical characteristics of nutrients for their functions in the human body, and the determination of nutritional requirements for individuals during growth, pregnancy, lactation, old age, and other special conditions. (Does not count towards the mathematics/science general education requirement.)

**Prerequisite:** One semester of biology or chemistry.

**NUT 999****Nutrition Elective****1-6 credit hours**

Course transferred to apply to an ORU major or minor. (More than one course can be transferred under this number.)

Restriction: Approval by petition to department chair.

**Professional Education (PED)**

Note: Most upper division PED courses have a prerequisite of admission to the Professional Educational Program.

**PED 100****Education Seminar****0 credit hours**

Provides an opportunity for candidates to hear special speakers from current, relevant areas, such as the State Department of Education and State Commission. (Required every semester.)

**Course fee:** \$30.

**PED 131****Pre-clinical I – Intro****1 credit hour**

Opportunity for students with a prospective teaching career to observe and participate in an actual classroom setting for a minimum of 20 hours. Course includes foundational instruction on history, research, and theory of education.

**Course fee:** \$25

**PED 132****Pre-clinical II – SPED****1 credit hour**

Opportunity for students with a prospective teaching career to observe and participate in an actual classroom setting for a minimum of 20 hours. Course includes foundational instruction in special education law, inclusion, and ethical practices

**PED 133****Pre-clinical III – ELL****1 credit hour**

Opportunity for students with a prospective teaching career to observe and participate in an actual classroom setting for a

minimum of 20 hours. Course includes foundational instruction on culturally appropriate instruction, language development, and English Learner strategies.

**PED 134****Pre-clinical IV – Content****1 credit hour**

Opportunity for students with a prospective teaching career to observe and participate in an actual classroom setting for a minimum of 20 hours. Course includes instruction leading to Google Teacher Certification Levels I & II.

**PED 135****Pre-clinical V – Content****0 credit hours**

Opportunity for students with a prospective teaching career to observe and participate in an actual classroom setting for a minimum of 20 hours. Course includes content specific practices.

**PED 136****Pre-clinical VI – Content****0 credit hours**

Opportunity for students with a prospective teaching career to observe and participate in an actual classroom setting for a minimum of 20 hours. Course includes content specific practices.

**PED 203****Foundations and Methods of Education****3 credit hours**

An introduction to education, acquainting the student with the history, philosophy, profession, procedures, and practices of American education in relation to social, political, religious, and economic factors. Examines significant current issues and Biblical principles of teaching. Emphasizes individual and group career planning.

**Co-requisite:** PED 111 or 121.

**PED 205****Whole Child Education****3 credit hours**

A study of the human life development 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.

**Prerequisite:** Admission to the Professional Education Program

**PED 222****School Health Care - Secondary****1-2 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. (Equivalent Course: 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. Includes a 20 hour practicum.

**Prerequisites:** PED 203 and either PED 111 or 121

**Restriction:** 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 and secondary school students. Management of classroom routines and behavior interwoven into the course with instruction on teaching reading in the content areas. Includes a 20-hour practicum.

**Restriction:** Major in K-12 or secondary education.

**PED 314****Culturally Sustained Pedagogy****3 credit hours**

A study of the various approaches in behavior management. Emphasizes behavior modification techniques. Introduces teacher candidates to token learning principles and how they apply to behavior management in the classroom. Provides the opportunity for the study of the relationships between students, parents, teachers, schools, and federal, state, and local government with an emphasis on the legal framework with which each participant must interact.

**Prerequisite:** Admission to the Professional Education Program.

**PED 315****Inclusion and Individualization****3 credit hours**

The purpose of this course is to equip teachers of English Learners and students with exceptional needs with the techniques and resources they need to be successful in the classroom. This includes a survey of and practice in TESL techniques and teaching materials and the knowledge to respond to

the varying abilities and behaviors of individuals with exceptional learning needs.

### **PED 316**

#### **Integrated Instructional Methods 3 credit hours**

This course will assist students in becoming reflective practitioners by exploring current issues in elementary education. Students will learn and utilize various research-based instructional techniques, planning strategies, methods, and assessment practices for elementary schools.

**Prerequisite:** Admission to Professional Education Program

### **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 College of Education and reflects competencies required for teaching licensure in the State of Oklahoma. (Equivalent Course: GPED 571.)

**Prerequisite:** Admission to the Professional Education Program or education minor.

**Co-requisite:** Student teaching internship.

### **PED 363**

#### **Educational Technology 3 credit hours**

Focuses on the selection, preparation, use and sources of media and computer technologies for future teachers. (Equivalent Course: GPED 563.)

**Educational technology fee:** \$25.

### **PED 409**

#### **Instructional Methods and Strategies: Secondary and K-12 3 credit hours**

A course assisting students in becoming reflective practitioners by exploring current issues in secondary education. Students learn and utilize various research-based instructional techniques, planning strategies, methods, and assessment practices for secondary schools. (Equivalent Course: GPED 641.)

### **PED 411**

#### **Educational Assessment 3 credit hours**

Theory and application of educational evaluation and assessment including understanding, analysis, and application of assessment and data collection to measure and inform student learning; evaluation for planning and instruction; construction and evaluation of classroom tests; test values and limitations; evaluation and administration of standardized tests; and grading and reporting procedures.

**Prerequisite:** Admission to the Professional Education Program.

### **PED 450**

#### **Student Teaching: Away 4-10 credit hours**

In-class observation, teacher assistance, and student teaching under the professional supervision of a university supervisor and a cooperating teacher in a school outside the Tulsa area. Teacher candidates engage in both curricular and extracurricular programs. Includes theories of education evaluation and testing. (Equivalent Course: GPED 650.)

**Prerequisite:** Admission to the Professional Education Program and acceptance of student teaching application

**Restriction:** Permission of the dean.

**Course fee:** \$1300.

### **PED 465**

#### **Student Teaching: Early Childhood 4-5 credit hours**

In-class observation, teacher assistance, and student teaching under the professional supervision of a university supervisor and a cooperating teacher in an early childhood classroom. Teacher candidates engage in both curricular and extracurricular programs. Includes theories of education evaluation and testing. This course can be taken multiple times to a max of 10 credit hours. (Equivalent Course: GPED 665.)

**Prerequisite:** Admission to the Professional Education Program and acceptance of student teaching application.

**Co-requisite:** PED 361.

### **PED 475**

#### **Student Teaching: Elementary 4-5 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. This course can be taken multiple times to a max of 10 credit hours. (Equivalent Course: GPED 675.)

**Prerequisite or co-requisite:** 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. This course can be taken multiple times to a max of 10 credit hours. (Equivalent Course: GPED 685.)

**Prerequisite or co-requisite:** PED 361.

**Prerequisites:** Admission to the Professional Education Program; acceptance of Student Teaching Application.

### **PED 490**

#### **Research in Education 1-4 credit hours**

A course designed to provide the student with an opportunity to select readings in education that pertain to the degree program. Special activities and/or projects may be suggested by the professor.

**Prerequisite:** Admission to the Professional Education Program.

### **PED 495**

#### **Student Teaching: 10-12 4-5 credit hours**

Seven weeks (full-time) in-class observation, teacher assistance, and student teaching under professional supervision of a cooperating teacher in a high school and a university supervisor. Students engage in both curricular and extracurricular programs. Includes theories of education evaluation and testing. This course can be taken multiple times to a max of 10 credit hours. (Equivalent Course: GPED 695.)

**Prerequisite or co-requisite:** PED 361.

**Prerequisites:** Admission to the Professional Education Program; acceptance of Student Teaching Application.

### **PED 999**

#### **Professional Education Elective 1-6 credit hours**

Course transferred to apply to an ORU major or minor. (More than one course can be transferred under this number.)  
**Restriction:** Approval by petition to department chair.

## **Philosophy (PHIL)**

### **PHIL 299**

#### **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. (Equivalent Course: HONR 412.)

**PHIL 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.

**PHIL 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.

**PHIL 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.

**PHIL 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.

**PHIL 999****Philosophy Elective****1-6 credit hours**

Course transferred to apply to an ORU major or minor. (More than one course can be transferred under this number.)

**Restriction:** Approval by petition to department chair.

**Prehealth Professions (PHP)****PHP 100****Pre-health Seminar****0.5 credit hour**

Provides guidance for all students planning to seek admission to health professions schools, such as medicine, dentistry, optometry, podiatry, pharmacy, and

physical therapy. Especially designed for pre-health students to take early in their academic careers

**PHP 300****Pre-Health Professions Seminar II****0.5 credit hours**

Provides guidance for upper division students planning to seek admission to health professions schools such as medicine, dentistry, optometry, podiatry, pharmacy, and physical therapy.

**PHP 400****Medical Seminar****1 credit hour**

Introduces premedical students to the arena of medicine, specifically family practice medicine. Incorporates discussion of medical cases, seminar presentations from authorities in special fields, and mentoring by physicians.

**Prerequisites:** Premed junior or senior, a 3.4 or better GPA, and approval by the health professions advisor and course coordinator.

**PHP 999****Pre-Health Professions Elective****1-6 credit hours**

Course transferred to apply to an ORU major or minor. (More than one course can be transferred under this number.)

**Restriction:** 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.

**Co-requisite:** PHS 223 Lab.

**PHS 223L****Human Anatomy Laboratory****1 credit hour**

An introductory laboratory course that presents the structure of the human organism from the cellular level to the organismal level. Models and cadavers are used to study the skeletal, muscular, cardiovascular, urinary, respiratory, endocrine, nervous, reproductive, gastrointestinal, and lymphatic systems.

(Meets for one 3-hour lab per week. Does not count toward a major in biology.)

**Co-requisite:** PHS 223.

**Course fee:** \$75.

**PHS 224****Human Physiology Lecture****3 credit hours**

Studies the structures of human cells, tissues, organs, and organ systems as well as their functions, processes, integration and control. Areas covered include the circulatory, endocrine, blood and respiratory, digestive, urinary, and reproductive systems. (Meets the requirements of students in nursing, medical technology, health and physical education. Does not count toward a major in biology.)

**Prerequisites:** PHS 223 and 223L.

**Co-requisite:** PHS 224L.

**Course fee:** \$50

**PHS 224L****Human Physiology Laboratory****1 credit hour**

Emphasizes physiological systems and principles. Involves the use of microscope slides, audiovisuals, electrocardiograph and myograph equipment, respirometers, and various clinical apparatus and tests for the purpose of exploring the physiological processes. (Meets for one 3-hour lab per week. Does not count toward a major in biology.)

**Co-requisite:** PHS 224.

**Lab fee:** \$50.

**PHS 999****Physiology Elective****1-6 credit hours**

Course transferred to apply to an ORU major or minor. (More than one course can be transferred under this number.)

**Restriction:** Approval by petition to department chair.

**Physics (PHY)****PHY 101****General Physics I Lecture****3 credit hours**

An introduction to the laws and principles of physics including mechanics, heat, and sound. (Primarily for liberal arts and biological science students. Not applicable to a physics major or minor.)

**Prerequisite:** High school algebra.

**Co-requisite:** PHY 101L.

**Course fee:** \$35

**PHY 101L****General Physics I Laboratory****1 credit hour**

Lab exercises to supplement PHY 101 Lecture.

**Co-requisite:** PHY 101.

**Lab fee:** \$75.

### **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.

**Co-requisite:** PHY 102L.

**Course fee:** \$35

### **PHY 102L**

#### **General Physics II Laboratory**

##### **1 credit hour**

Lab exercises to supplement PHY 102.

**Co-requisite:** PHY 102.

**Lab fee:** \$75.

### **PHY 111**

#### **Physics I Lecture**

##### **3 credit hours**

Introduction of vector algebra: calculus-based studies of mechanics, heat, and thermodynamics.

**Prerequisite:** MAT 201.

**Co-requisite:** PHY 111L.

**Course fee:** \$35

### **PHY 111L**

#### **Physics I Laboratory**

##### **1 credit hour**

Experiments in mechanics and heat to supplement PHY 111.

**Co-requisite:** PHY 111.

**Lab fee:** \$75.

### **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.

**Co-requisite:** PHY 112L.

**Course fee:** \$35

### **PHY 112L**

#### **Physics II Laboratory**

##### **1 credit hour**

Experiments in wave motion, sound, electricity and magnetism.

**Co-requisite:** PHY 112.

**Lab fee:** \$75.

### **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.

**Co-requisite:** PHY 211L.

**Course fee:** \$35

### **PHY 211L**

#### **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.

**Co-requisite:** PHY 211.

**Lab fee:** \$75.

### **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. (Equivalent Course: EGR 231.)

**Prerequisites:** PHY 111, 111L 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. (Equivalent Course: EGR 221.)

**Prerequisites:** PHY 111, 111L and 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. (Equivalent Course: EGR 222.)

**Prerequisite:** PHY 311.

**Course fee:** \$35.

### **PHY 321**

#### **Electronics I**

##### **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. (Equivalent Course: EE 321.)

**Prerequisite:** EGR 210.

**Co-requisite:** PHY 321L.

**Course fee:** \$55

### **PHY 321L**

#### **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. (Equivalent Course: EE 321L.)

**Co-requisite:** PHY 321.

**Lab fee:** \$100

### **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. (Equivalent Course: EE 360.)

**Prerequisites:** PHY 112 and MAT 211.

**Course fee:** \$55.

### **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 and MAT 211.

**Course fee:** \$55.

### **PHY 341**

#### **Advanced Physics**

##### **1 to 3 credit hours**

Selected experiments in physics either using lab equipment or a computer. (Three hours per week in lab work to be done for each credit hour.)

**Prerequisite:** PHY 211

**Course fee:** \$55

### **PHY 341L**

#### **Advanced Physics Laboratory**

##### **1-3 credit hours**

Selected experiments in physics either using lab equipment or a computer. (Three hours per week in lab work to be done for each credit hour.)

**Prerequisite:** PHY 211.

**Restriction:** Permission from instructor required.

**Lab fee:** \$75.

### **PHY 401**

#### **Optics**

##### **3 credit hours**

A study of geometrical and physical optics, optical devices and materials, electromagnetism, and applied laser optics.

**Prerequisite:** PHY 211.

**Course fee:** \$75.

### **PHY 402**

#### **Quantum Mechanics**

**3 credit hours**

An introduction to quantum mechanics and the application of Schrodinger's equation to simple systems.

**Prerequisites:** PHY 211 and MAT 211.

**Course fee:** \$55.

### **PHY 450**

#### **Special Topics**

**3 credit hours**

Topics vary by semester.

Restriction: Approval of the department chair and instructor required.

**Course fee:** \$55.

### **PHY 453**

#### **Applied Thermodynamics**

**3 credit hours**

Application of the principles of thermodynamics to components and systems. Examples include pumps, compressors, engines, turbines, electricity-generating power plants. The thermodynamics of high speed flows are also covered. Students conduct lab experiments to optimize their skills. (Equivalent Course: ME 331.)

**Prerequisite:** EGR 231.

**Course fee:** \$55.

### **PHY 454**

#### **Mechanics of Materials**

**3 credit hours**

A study of elastic and inelastic stress-strain behavior of engineering materials, deflection of beams, and column action. Incorporates lab experience and design. (Equivalent Course: ME 321.)

**Prerequisite:** EGR 221.

**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. (Equivalent Course: MAT 455.)

**Prerequisite:** PHY 211 and 211L

**Restrictions:** Junior or senior standing and permission from instructor required.

**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. (Equivalent Course: EGR 498.)

**Prerequisite:** Full admission into the engineering program and at least 50 credit hours in the major and cognates or permission from the instructor.

**Restriction:** Senior standing.

**Course fee:** \$100

### **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. (Equivalent Course: EGR 499.)

**Prerequisite:** PHY 498.

**Course fee:** \$100

### **PHY 999**

#### **Physics Elective**

**1-6 credit hours**

Course transferred to apply to an ORU major or minor. (More than one course can be transferred under this number.)

**Restriction:** Approval by petition to department chair.

## **Pre-Nursing (PNUR)**

### **PNUR 111**

#### **Medical Terminology**

**1 credit hour**

Introduces the study of medical terminology. Assists students in understanding and deconstructing complex medical terms.

**Prerequisite:** Acceptance into the nursing program.

### **PNUR 112**

#### **Dosage Calculation**

**1 credit hour**

Introduces dosage calculation for the professional nurse. Reviews math concepts and principles utilized in medication administration.

**Prerequisite:** Acceptance into the nursing program.

### **PNUR 113**

#### **Professional Nursing I: Called to Care**

**1 credit hour**

Introduces the student to the AVSON Curricular Framework, the Theory of Nursing for the Whole Person, Standards of Nursing Practice, and the professional nursing role within the context of a Christian worldview. Addresses historical heritage, current professional environments, and future trends.

**Prerequisite:** Acceptance into the nursing program.

**Course fee:** \$185.

## **Proficiencies (PRF)**

Note: The following are proficiency tests, not courses that are required for some academic degrees. The number on the right is how many credit hours the proficiency test counts towards.

PRF 070	Swimming Proficiency	0
PRF 204	English Proficiency-Mba	0
PRF 401	English Placement Exam	0
PRF 402	Science Placement Exam	0
PRF 403	Math Placement Exam	0
PRF 404	Vocal and Instrument Audition and Ensemble Placement	0
PRF 405	Music Theory Placement Exam	0
PRF 406	Worship Arts Major and Minor Audition	0
PRF 407	Musical Theatre Major Auditions	0
PRF 408	T.E.A.S Examination	0
PRF 409	Dance Warm Up and Audition	0
PRFB 504	Business Communications	0
PRFB 572	Business Ethics	0
PRFE 002	Education Program Interview	0
PRFE 501	Master Comprehensive Exams	0
PRFE 800	Ed. D. Comprehensive Exams	0
PRFE 900	Doctoral Defense	0
PRFH 007	First Aid and CPR Proficiency	0
PRFH 070	Swimming Proficiency	0
PRFL 001	Foreign Language Proficiency	0
PRFL 300	Foreign Studies	16
PRFL 320	Major/Minor Writing Proficiency	0
PRFM 100	Piano Proficiency	0
PRFM 101	Music Vocabulary Proficiency	0
PRFM 102	Guitar Proficiency	0
PRFM 104	Music Technology Proficiency	0
PRFM 466	Clinical Music Therapy	0
PRFP 101	Calculus Placement Exam	0
PRFR 001	FE Exam Attempted	0
PRFT 049	Theological Research Proficiency	0
PRFT 050	French Proficiency	0
PRFT 051	Orientation to Counseling***	0
PRFT 052	Hebrew Proficiency	0
PRFT 053	Greek Proficiency	0
PRFT 054	German Proficiency	0
PRFT 055	Spiritual Formation and Assessment	1-2
PRFT 056	Entry-Level Assessment*	.5
PRFT 057	Mid-Level Assessment	0-0.5
PRFT 058	Candidacy-Level Assessment	.5
PRFT 061	Counseling Comprehensive	0

<b>PRFT 062</b>	<b>Assessment III Professional Presentation</b>	<b>0</b>
<b>PRFT 064</b>	<b>Introduction to Counseling Practicum/Internship</b>	<b>.5</b>
<b>PRFT 065</b>	<b>Counselor Preparation Comprehensive Exam**</b>	<b>0</b>
<b>PRFT 710</b>	<b>Entry-Level Assessment (DMIN)</b>	<b>0</b>
<b>PRFT 720</b>	<b>Mid-Level Assessment (DMIN)</b>	<b>0</b>
<b>PRFT 730</b>	<b>Candidacy-Level Assessment (DMIN)</b>	<b>1</b>
<b>PRFT 759</b>	<b>Whole Person Assessment*</b>	<b>0</b>
<b>PRFT 910</b>	<b>Entry Level Assessment</b>	<b>1</b>
<b>PRFT 920</b>	<b>Mid-Level Assessment</b>	<b>1</b>
<b>PRFT 930</b>	<b>Candidacy Level Assessment</b>	<b>0</b>
<b>PRFT 949</b>	<b>Research Methods</b>	<b>3</b>
<b>PRFT 990</b>	<b>Comprehensive Exams</b>	<b>0</b>

**Course Fees:** \*ePortfolio account set up fee: \$70, \*\*Counseling Comprehensive Exam Fee: \$75, \*\*\* Background Check Fee: \$26

## Practices of Ministry (PRM)

### **PRM 506**

#### **Leadership in Context** **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**

#### **Ministering Cross-Culturally** **3 credit hours**

An introduction to the fundamentals of cross-cultural ministry and to the mandate directing the Church to be an active participant in this global enterprise. Surveys the historical development of cross-cultural Christian ministry, 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 Global Mission** **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. (Equivalent Course: GTHE 516.)

### **PRM 517**

#### **Intercultural Communication** **3 credit hours**

An introduction to the challenges, complexities and perspectives of communicating across cultural lines and social groups and how culture affects

communication. Students will engage in critical assessment of intercultural communication theories and applications through case studies, research projects, class discussions, and out-of-class activities that focus on communication processes and problems that frequently occur in contexts involving individuals from different religious, social, ethnic, and educational backgrounds.

### **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 544**

#### **Developing Global Missional Churches** **3 credit hours**

An introduction to the spiritual dynamics, Biblical basis, and sociological phenomena concerned with how people are converted and incorporated into the Body of Christ. Examines literature on church growth in the United States and the church overseas. Includes both theoretical and strategic dimensions.

### **PRM 549**

#### **Foundations of Teaching Ministries** **3 credit hours**

A study of the historical, philosophical, and psychological foundations of teaching. Integrates the theory and practice of educational ministry and guides the student in developing a philosophy of education appropriate for the Christian setting.

### **PRM 553**

#### **Ministry in the Urban Setting** **3 credit hours**

A study of the church and parachurch ministries 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 Education** **3 credit hours**

A course designed to provide students an opportunity to examine the educational process within the Bible institute. Emphasizes theological 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 Bible** **3 credit hours**

A practical exploration of the teaching and learning process as a foundation for Bible study and teaching all age levels in a ministry setting. Includes learning and teaching theory and process, objectives, lesson planning, and methodologies.

### **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. (Equivalent Course: GTHE 573)

### **PRM 575**

#### **Anthropology for Ministry** **3 credit hours**

An introduction to the fundamental aspects of cultural anthropology from a Christian perspective. Emphasizes the importance of culture and cultural subsystems and the way they affect the perception of reality, cross-cultural ministry, and culture change. Helps enable students to communicate the Gospel effectively across cultural barriers.

### **PRM 578**

#### **Globalizing Theology** **3 credit hours**

Examines theologies that have emerged in representative non-Western settings as a mature phase of the advance of the Christian church throughout the world. Focuses on cultural factors that influence the theological process and underscores the necessity of diversity in Christian theology to answer the multifaceted dimensions of human needs.

### **PRM 582**

#### **Introduction to Evangelism** **3 credit hours**

A study of contemporary methods of evangelism, particularly those that have been proven to produce permanent results. Develops spiritual strengths and skills with which these methods should be applied. Addresses how to disciple those who are evangelized and train others to do this same work of evangelism and discipleship.

### **PRM 583**

#### **Contextualized Urban Evangelism** **3 credit hours**

A study of contemporary methods of urban evangelism. Develops spiritual strengths and skills to apply to these methods. Helps students develop a sensitivity to religious/spiritual backgrounds and cultural contexts.

### **PRM 635**

#### **Human Growth and Development**

##### **3 credit hours**

Addresses the biological, socioemotional, and cognitive factors that shape human development from infancy through old age and in diverse social contexts. Includes study of spiritual factors and developmental theories. (Equivalent Course: GCSL 635.)

### **PRM 650**

#### **Multimedia and Computers in Ministry**

##### **3 credit hours**

Introduces contemporary tools that can be used to enhance the ministry of the local church. Emphasizes skills in multimedia (print and audio) and basic computer usage.

### **PRM 651**

#### **Church in the Contemporary World**

##### **3 credit hours**

A course focusing on making Christian moral decisions in a context of individual and social responsibilities. Students use survey instruments for church and community to gather data for class discussions. Encourages sensitivity to the urgent mission call of the individual Christian and the Church.

### **PRM 656**

#### **Adult Learners**

##### **3 credit hours**

A survey of issues, developmental tasks, and Biblical principles for contemporary adults. Emphasizes adult learning, both in church and community programs.

### **PRM 657**

#### **Special Projects in Education and Ministry Settings**

##### **3 credit hours**

Independent investigation of and/or participation in diverse contexts.

### **PRM 659**

#### **Administration of Teaching Ministries**

##### **3 credit hours**

An examination of the practical aspects of administration involved in teaching ministries in church, Bible institutes, para-church organizations, and various ministry settings. Topics include organization, planning, supervision, motivation, training, evaluation, and general leadership principles.

### **PRM 660**

#### **Theology for Spirit-Empowered Ministry**

##### **3 credit hours**

A course designed to prepare students for Spirit-Empowered ministry through sound biblical and theological principles and to offer opportunities for theological reflection on the practices of ministry.

### **PRM 661**

#### **Introduction to Preaching**

##### **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, and sacramental functions.

### **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.

*Prerequisite:* GTHE 517.

### **PRM 664**

#### **Communicating Christ in Urban and Global Contexts**

##### **3 credit hours**

Studies the methods, models, strategies and styles of inter-cultural communication in the highly complex multi-ethnic and multi-lingual urban and global contexts of the 21st century. Focuses on understanding cultural contexts and barriers challenging Christian communicators in such settings.

### **PRM 669**

#### **Practice Preaching and Laboratory**

##### **3 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 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. (Equivalent Course: GCSL 671.)

### **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.

*Course fee:* \$26

### **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 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 685**

#### **Spiritual Warfare and World Views in Conflict**

##### **3 credit hours**

A study of the biblical and theological foundations of spiritual warfare between the Kingdom of God and the powers of darkness as demonstrated in the Gospel's confrontation with non-Christian worldviews that have completely different presuppositions.

### **PRM 691**

#### **Women in Ministry**

##### **3 credit hours**

Examines Biblical, theological, sociological, and psychological foundations for women in ministry. Studies positive cultural factors as well as current cultural barriers.

### **PRM 697**

#### **Prayer: The Personal Discipline of the Minister**

##### **3 credit hours**

A study of the Biblical foundations of, models for, and contemporary approaches to prayer. Examines corporate and personal prayer and prayer as intercession, worship, and meditation.

**PRM 721****The Minister as Equipper****3 credit hours**

A course designed to train, enable, and empower the student as a church or parachurch leader to motivate, organize, facilitate, equip, and coach lay volunteers for the work of the ministry.

**PRM 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****Church Planting in the 21st Century****3 credit hours**

Deals with church planting in general while giving special attention to urban social contexts. Emphasizes the role of the church planter, strategies employed, and objectives to be attained. Analyzes successful church planting models, as well as problems associated with the contextualization of church forms in pioneer work.

**PRM 746****Contemporary Issues in Teaching****3 credit hours**

A research seminar on current issues in and the latest research in areas that pertain to teaching ministries in various contexts.

**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. Restriction: Approval of instructor and dean required.

**PRM 757****Family Education****3 credit hours**

A study of the dynamic interrelationships between teaching ministry and the family. Skills are gained in discovering, understanding, and ministering to family-related needs and concerns. Special emphasis is given to designing and implementing programs of instruction in marriage and all phases of family living.

**PRM 758****Seminar in Practices of Ministry****3 credit hours**

A course focusing on various aspects of the practices of ministry.

**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 773****Language Acquisition****1 credit hour**

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, \$26; 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.

**Restriction:** Approval of instructor required.

**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.

**Restriction:** Approval by petition required.

**PRM 788****Leadership in Ministry****3 credit hours**

A study of Biblically sound and academically informed principles and practices for effective leadership in ministry today. Students demonstrate an understanding of the principles and practices of leadership by assessing their own leadership styles, developing strategic plans for growth, and developing a theology of leadership that integrates Biblical principles, the model of Jesus Christ, and current research in leadership.

**PRM 793****Church Administration****3 credit hours**

An introduction to organizational theory, leadership expectations, and administrative styles as they apply to church life. Students explore types of churches, relational skills, staff relationships, finance campaigns, and programs for making disciples; examine case studies; and develop project designs.

**PRM 999****Practices of Ministry Elective****1-6 credit hours**

Course transferred to apply to an ORU major or minor. (More than one course can be transferred under this number.) Restriction: Approval by petition required.

**Public Relations (PRP)****PRP 213****Workshop: Publications****1-6 credit hours**

Studies basic publication principles such as publication anatomy, ladders, contracts, graphic devices, layout and design, photography, bulk mailing, database management, paper and ink selection, cover treatments, printing process, feature news, caption and headline writing, and desktop publishing. Students are involved in the production of The Communique under the guidance and critical evaluation of the professor/advisor.

**Restriction:** Permission of instructor required.

**Course fee:** \$20.

**PRP 217****Workshop: Public Relations****1-3 credit hours**

A weekly workshop to implement skills learned in public relations seminars. Involves the practical application of theory and focuses on creating and evaluating promotions. Provides an opportunity for students to practice their faith within the context of a simulated, professional work environment. (May be repeated for credit.)

**Course fee:** \$40.

### **PRP 225**

#### **Principles of Public Relations and Engaging Media**

**3 credit hours**

Public relations is the management function which evaluates public attitudes, identifies the policies and procedures of an individual or an organization with public interest, and plans and executes a program of action to earn public understanding, interest and support. Its practitioners operate as advisers to their clients or to an organization's top management and as technicians who produce and disseminate messages in multiple media channels. This course synthesizes each element in a practical application within the classroom.

**Prerequisite:** JRN 107 and 108

**Restrictions:** Sophomore standing.

### **PRP 327**

#### **Social Media Management**

**3 credit hours**

A study of the creation and management of social media marketing. Equips students with the ability to design and implement strategic digital marketing campaigns. Enhances student's technology skills and covers digital marketing through a variety of platforms (Facebook, Twitter, LinkedIn, YouTube, Blogger, and Google). Also covers website management, search engine marketing (SEM), search engine optimization (SEO), email and mobile platforms.

### **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:** PRP 225.

### **PRP 499**

#### **Senior Research Project**

**3 credit hours**

Specialized research culminating in a senior paper and/ or other approved project.

**Restriction:** Senior standing.

**Course fee:** \$40.

### **PRP 999**

#### **Public Relations Elective**

**1-6 credit hours**

Course transferred to apply to an ORU major or minor. (More than one course can be transferred under this number.)

**Restriction:** Approval by petition to department chair.

## **Physical Science (PSC)**

### **PSC 101**

#### **Principles of Physical Science**

**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.

**Co-requisite:** PSC 101L.

### **PSC 101L**

#### **Principles of Physical Science Laboratory**

**1 credit hour**

Lab exercises to provide practice, manipulation, and visualization of principles that supplement PSC 101.

**Co-requisite:** PSC 101.

**Course fee:** \$75.

### **PSC 215**

#### **Applied Earth & Space Sciences**

**3 credit hours**

An introduction to earth, environmental and space sciences (geology, oceanography, geomorphology, meteorology, planetary science, astronomy and cosmology) with a focus on engineering applications. Discusses the processes at work within the earth, on the surface, in the air and oceans, and in outer space. Emphasizes plate tectonic theory and environmental stewardship. (Equivalent Course: GEO 215.)

**Co-requisite:** PSC 215L.

**Course fee:** \$30

### **PSC 215L**

#### **Applied Earth & Space Sciences**

##### **Laboratory**

**1 credit hour**

Lab exercises to supplement PSC 215. (Equivalent Course: GEO 215L.)

**Co-requisite:** PSC 215.

**Lab fee:** \$75.

### **PSC 999**

#### **Physical Science Lecture**

**3 credit hours**

Course transferred to apply to an ORU major or minor. (More than one course can be transferred under this number.)

**Restriction:** Approval by petition to department chair.

### **PSC 999L**

#### **Physical Science Laboratory**

**1 credit hour**

The Lab of a PSC 999 Course transferred to apply to an ORU major or minor. (More than one course can be transferred under this number.)

**Restriction:** Approval by petition to department chair.

## **Psychology (PSY)**

### **PSY 201**

#### **Principles of Psychology**

**3 credit hours**

A survey of the basic principles of psychology, including development, motivation, emotion, learning, intelligence, physiological aspects, sensory processes, perception, attention, measurement, and personality.

### **PSY 212**

#### **Social Psychology**

**3 credit hours**

A study of the effects of groups upon individual behavior. Includes the application of psychological principles to traditional interactions between individuals and society. (Equivalent Course: SOC 212.)

**Prerequisite:** PSY 201 or SOC 101.

### **PSY 250**

#### **Behavior Management**

**3 credit hours**

A course combining instruction with supervised experience in changing behavior. Major topic areas include history of behavior analysis, monitoring and record keeping, reinforcement techniques, stimulus control, aversive techniques, philosophical and ethical issues, special areas of application including psychotherapy and education, and global life planning.

**Prerequisite:** PSY 201.

### **PSY 301**

#### **Developmental Psychology**

**3 credit hours**

A study of the theories and knowledge of human 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. Equivalent Course: SWK 309.)

**Prerequisite:** PSY 201.

### **PSY 304**

#### **Health Psychology**

**3 credit hours**

An overview of the holistic foundations of health psychology, focusing on the biological foundations of health and illness, stress and coping strategies, disease prevention, addictions, chronic and life-

threatening illnesses, managing pain, seeking treatment, and understanding the role of psychology in health care settings. Equivalent Course: GEN 304.

**Prerequisite:** PSY 201

### **PSY 305**

#### **Physiological Psychology**

**3 credit hours**

A survey of neural and endocrine mechanisms followed by detailed consideration of selected problems in physiology of behavior. Emphasizes learning, motivation, and sensory processing.

**Prerequisite:** PSY 201.

### **PSY 321**

#### **Psychology of Personality Development**

**3 credit hours**

A study of the principal interpretations of personality development, description, dynamics, and determinants.

**Prerequisite:** PSY 201.

### **PSY 322**

#### **Psychology of Learning and Motivation**

**3 credit hours**

An experimental theoretical analysis of the concepts and principles of learning and motivation, particularly the simpler types of learning, such as conditioning.

**Prerequisite:** PSY 201.

### **PSY 323**

#### **Psychological Assessment**

**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 324**

#### **Cognitive Psychology**

**3 credit hours**

Introduces the basic concepts and findings of cognitive psychology, including the topics of perception, attention, learning, memory, language, categorization, imagery, judgment and decision-making, and problem-solving. Cognition is discussed from the perspectives of information processing and cognitive neuroscience.

**Prerequisite:** PSY 201.

### **PSY 338**

#### **Psychology of Abnormal Behavior**

**3 credit hours**

A study of psychological disorders, their natures, determinants, and relationships to normal behavior.

**Prerequisite:** PSY 201.

### **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.

**Prerequisites:** PSY 201 and PSY 401.

### **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 355**

#### **Child Psychology**

**3 credit hours**

Serves as a foundation for concepts in child psychology. Spans a broad range of topics including biological, cognitive, social, emotional, and spiritual development domains and covering each age of the child. Examines the mutual interdependence between the developing individual and his or her various social systems, including family, groups, organizations, and community.

**Prerequisite:** PSY 201.

### **PSY 360**

#### **Introduction to Industrial and Organizational Psychology**

**3 credit hours**

Provides an overview of industrial and organizational psychology, including individual, group, and organizational issues resulting in enhanced understanding of the world of business and related career concerns.

**Prerequisite:** PSY 201.

### **PSY 401**

#### **Experimental Psychology Lecture and Lab**

**3 credit hours**

A survey of the fundamentals of psychological research, experimentation, data analysis, and report writing. Includes an application of the concepts studied in a lab setting

**Prerequisites:** PSY 201 and MAT 232.

### **PSY 411**

#### **Counseling Psychology I**

**3 credit hours**

A study of the major theoretical concepts of counseling psychology presented with practical applications of those concepts in terms of counseling strategies and techniques. Students formulate appropriate hypotheses concerning representative client problems and propose competent methodologies/strategies for addressing those problems.

**Prerequisites:** PSY 201 plus either 321 or 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.

### **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.

**Restrictions:** 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.

**Restrictions:** 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.

**Restrictions:** Psychology major, junior or senior standing, and approval of instructor and department chair.

### **PSY 498**

#### **Senior Paper Foundations**

##### **1 credit hour**

Designed to begin to place the capstone on the student's undergraduate training in behavioral sciences. Completion of appropriate independent research under the direction of a faculty advisor. Topic to be selected by student with approval of the advisor. This course is offered for online program majors only.

**Prerequisite:** PSY 401.

### **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.) Residential students enroll in the course for 3 credit hours. Online majors enroll in the course for 2 credit hours.

**Prerequisites** for residential students: PSY 201, PSY 340 and COMP 303.

**Prerequisite for online students:** PSY 498.

**ETS Field Test Fee:** \$30 (for residential students only).

### **PSY 999**

#### **Psychology Elective**

##### **1-4 credit hours**

Course transferred to apply to an ORU major or minor. (More than one course can be transferred under this number.)

**Restriction:** Approval by petition to department chair.

## **Reading (READ)**

### **READ 099**

#### **Preparation for College Reading**

##### **3 credit hours**

Develops and strengthens basic reading skills including structural analysis, contextual analysis, reading comprehension, and inference skills. Emphasizes vocabulary development as well as various aids to reading. (Increases the number of hours in a degree program by three credit hours.)

## **Special Education (SED)**

### **SED 201**

#### **SPED and Dyslexia Strategies**

##### **3 credit hours**

This course acquaints teacher candidates with the different principles, theories, and relevant laws and policies relating to exceptionalities and understanding how these influence professional practice,

including assessment procedures, placements, methods, materials, and learning strategies from and divers and historical points of view. The intent of the course is to help educators to understand similarities and differences in human development and characteristics between and among individuals with and without exceptionalities. (A 15 – hour practicum is included)

### **SED 202**

#### **Adapting Curricula**

##### **3 credit hours**

This text is aim is to serve as a major resource for early educators, related services personnel, and faculty members who teach them, whether they are in child-care home, center, or classrooms. Emphasis is placed on assisting practitioner to identify the strengths that children and families bring to the programs and on involving families through family-centered, relationship-based approaches. These strategies can only be optimally implemented by planned coordination and collaboration among the many personnel who work in these settings, who come from a variety of disciplines such as special education, early childhood education, physical and occupational therapy, speech, and language pathology, psychology and counseling health services, and so on. It will blend developmental and recommended practices in the field, and learning theories, with practical suggestions for delivery of services to young children with special needs and their families.

### **SED 305**

#### **Effective Practices**

##### **3 credit hours**

The beginning special educator will learn to teach literacy, numeracy, and content subjects to individuals with exceptionalities who are often non-responsive. In their planning special educators will emphasize explicit instruction with modeling and guided practice to assure acquisition and fluency, as well as promote the development, maintenance, and generalization of knowledge and skills across environments, settings, and the life-span through approaches such as cross-curricular lesson planning. Special educators will enhance 21st-century student outcomes such as critical thinking, creative problem solving, and collaboration skills for individuals with exceptionalities and increase their self-awareness and reliance, self- management and control, self-efficacy, and self-advocacy.

### **SED 306**

#### **SPED Law and Ethics**

### **3 credit hours**

Special educator will demonstrate an understanding of the history of special education, legal policies, ethical standards, and current legal issues in special education and how knowing this content informs the leadership of special education. The course is designed to take each major aspect of the IDEA Law, safeguards, and then be given (five) current case studies per each section of the IDEA Law.

### **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 10-hour practicum.)

### **SED 405**

#### **Assessment and Intervention**

##### **3 credit hours**

Special educators will apply the understanding of measurement theory and practice for addressing issues of validity, reliability, norms, bias and interpretation of assessment result. Through a practicum, the special educator will monitor the learning progress of in individuals with exceptionalities both in the general classroom and specialized content and discuss with the cooperating teacher ideas for instructional adjustments based on the data and observations. Though the case study test results and scenarios, the beginning special educator will interpret the data and use assessment information to identify supports and adaptations required for individuals with exceptionalities to access the general education curricula and to participate in school, system and statewide assessment programs. They will integrate the results of assessment to develop long-range individualized instructional plan anchored in both general and special education curricula, and translate plans into carefully selected shorter range goals, objectives, and technologies to support their assessments.

### **SED 999**

#### **Special Education Elective**

##### **1-6 credit hours**

Course transferred to apply to an ORU major or minor. (More than one course can be transferred under this number.)

**Restriction:** Approval by petition to department chair.

## Sociology (SOC)

### **SOC 101**

#### **Introduction to Sociology**

##### **3 credit hours**

A survey course covering most of the basic categories of the sociology curriculum with emphasis on the scientific method of studying social interaction and the products of social interaction, including culture, socialization, and the major institutions of society.

**Course fee:** \$200

### **SOC 201**

#### **Marriage and the Family**

##### **3 credit hours**

A brief introduction to the family as an institution and a focus on preparing the individual for marriage and family life by emphasizing mate selection, adjustment, family member status and role, socialization process, social control, change of family structure, and social class and mobility aspects.

### **SOC 212**

#### **Social Psychology**

##### **3 credit hours**

A study of the effects of groups upon individual behavior. Includes the application of psychological principles to traditional interactions between individuals and society. (Equivalent Course: PSY 212.)

**Prerequisite:** PSY 201 or SOC 101.

### **SOC 220**

#### **Criminology**

##### **3 credit hours**

This course highlights the causes of criminal behavior and the theoretical interpretations of such behavior. Students are introduced to criminological methods of inquiry and review several different classifications of crime with an emphasis on social foundations, police, courts, law, prisons, theories of punishment, theories of causation, and efforts in prevention. Students also consider the public policy implications of various approaches to criminology.

**Equivalent Course:** CJS 220

### **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. (Equivalent Course: 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. (Equivalent Course: SWK 302.)

**Prerequisites:** SOC 101 and SWK 202.

**Prerequisite or co-requisite:** MAT 232.

**Course fee:** \$45

### **SOC 308**

#### **Cultural Anthropology**

##### **3 credit hours**

A survey of the ways people worldwide have developed in their respective cultures. Using a cross-cultural perspective, students explore aspects of the origins and development of human groups. Topics of study include marriage, family and kinship systems, economic and political organizations, religious beliefs, and worldviews.

**Prerequisite:** SOC 101.

### **SOC 323**

#### **Child and Family in the Social Context**

##### **3 credit hours**

A course designed to study the child and family in their social interactions. Includes the effects that social institutions (e.g., family, school, church) have on the personal perceptions, behaviors, and general readiness for learning of the individual child. Promotes temporarily viewing the world from the individual learning child's point of view.

### **SOC 329**

#### **Social Deviancy and Social Control**

##### **3 credit hours**

A study of concepts of deviance; theories explaining deviant behavior with special

attention to class, status, and power variables; and the mechanisms for the social control of deviants.

**Prerequisite:** SOC 101.

### **SOC 420**

#### **Minority Group Relations**

##### **3 credit hours**

Focuses on diversity and promotes an awareness of multicultural norms and values among a number of ethnic and racial minorities in a pluralist society. Examines cultural strengths, differences, and similarities as well as concepts of race, ethnicity, minority groups, prejudice, discrimination, and issues related to women. (Equivalent Course: SWK 420.)

**Prerequisite:** SOC 101.

### **SOC 440**

#### **Social Theory**

##### **3 credit hours**

A seminar on various relevant issues as they are addressed by the major paradigms of social theory. Included are existential sociology, post-modernism and chaos theory, but it also understood that some discussion of the history of social thought is necessary to fully understand contemporary issues. Other models such as post-modernism, phenomenological and existential may occasionally be considered. This course incorporates the student's spiritual orientation to assist them in the development of a viable and consistent Christian perspective. The course further aids to enhance the student's ability to understand and function within a broad spectrum of social settings.

### **SOC 450**

#### **Directed Study**

##### **1-3 credit hours**

Under supervision of a behavioral science faculty member, the student pursues a specialized learning experience with designated learning objectives and implementation procedures.

Restrictions: Junior or senior standing and approval of instructor and department chair.

### **SOC 461**

#### **Honors Research**

##### **1-3 hours**

Designed for the honor student who wishes to pursue individual research on a specific problem.

**Restrictions:** Junior or senior standing and approval of instructor and department chair.

### **SOC 499**

#### **Senior Paper in Sociology**

##### **3 credit hours**

Designed to place the capstone on the student's undergraduate training in the behavioral sciences. Completion of the appropriate independent research under the direction of a faculty advisor. Topic to be selected by student with the approval of advisor.

**Prerequisite:** SOC 302.

### **SOC 999**

#### **Sociology Elective**

##### **1-5 credit hours**

Course transferred to apply to an ORU major or minor. (More than one course can be transferred under this number.)

**Restriction:** Approval by petition to department chair.

## **Spanish (SPA)**

### **SPA 101**

#### **Elementary Spanish I**

##### **4 credit hours**

A beginning course in Spanish. Covers aural/oral work, grammar, and composition, including possessives, formal commands, present indicatives, progressives, and reflexives. Covers most activities listed in the ACTFL novice mid competencies. (This course does not count toward a minor, or major, but can be used for elective credit.)

**Course fee:** \$40.

### **SPA 102**

#### **Elementary Spanish II**

##### **4 credit hours**

Builds on the skills learned in SPA 101. Includes oral practice and covers preterite, imperfect, and present subjunctive tenses as well as double object pronouns. Covers most activities listed in the ACTFL novice high competencies.

**Prerequisite:** SPA 101 with a grade of "C" or higher or demonstrated proficiency.

**Course fee:** \$40.

### **SPA 203**

#### **Intermediate Spanish I**

##### **3 credit hours**

Continued study of Spanish with intensive oral work and an emphasis on composition, including compound, future, conditional, and past/imperfect subjunctive tenses. Covers most activities listed in the ACTFL intermediate mid competencies. (Honors sections are available.)

**Prerequisite:** SPA 102 with a grade of "C" or higher or demonstrated proficiency.

**Course fee:** \$40.

### **SPA 204**

#### **Intermediate Spanish II**

##### **3 credit hours**

Grammar review with emphasis on spoken Spanish. Covers most activities listed in the ACTFL intermediate high competencies.

**Prerequisite:** SPA 203 with a grade of "C" or higher or demonstrated proficiency.

### **SPA 219**

#### **Travel Study**

##### **3 credit hours**

A two-week trip to a Spanish-speaking country. Includes an in-depth study of history, geography, and art as well as opportunities for ministry. Students learn everyday customs and have an opportunity to put grammar principles to practical use. (May substitute for SPA 203 for general education requirements or for an upper level Spanish course for students majoring or minoring in Spanish.)

**Prerequisite:** SPA 102 with a grade of "C" or higher or demonstrated proficiency.

### **SPA 301**

#### **Spanish Phonetics and Conversation**

##### **1-3 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 301 or SPA 302.

### **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 301 or SPA 302.

### **SPA 306**

#### **Business Spanish**

##### **3 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 301 or SPA 302.

### **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.) (Equivalent Course: HIS 361, 362 and 464.)

### **SPA 316**

#### **Civilization and Culture of Spain**

##### **3 credit hours**

A study of the history, politics, and culture of Spain. (Taught in Spanish.)

**Prerequisite:** SPA 204.

### **SPA 430**

#### **Spanish Literary Periods**

##### **3 credit hours**

A study of Spanish literary periods such as the Golden Age, nineteenth century, or twentieth century. Focus of the course varies from semester to semester, but each involves an in-depth study of a particular literary period. Authors may include Spanish and Latin American authors such as Cervantes and García Márquez. (Taught in Spanish.) (May be taken twice for credit.)

**Prerequisite:** SPA 303 or 304.

### **SPA 433**

#### **Spanish Literary Genres**

##### **3 credit hours**

A study of the Spanish and Latin American genres against a philosophical and socio-political background. Focuses on a specific genre such as short story, novel, poetry, or drama by studying authors such as Cervantes and Lorca. (Taught in Spanish.) (May be taken twice for credit.)

**Prerequisite:** SPA 303 or 304.

### **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.

**Prerequisite:** SPA 204.

**Restriction:** Permission of the department.

**Background check:** \$30.

**SPA 451****Special Readings****0.5-4 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.)

**Restriction:** Spanish major and permission of the instructor and the department.

**SPA 499****Senior Paper****3 credit hours**

Directed individual study of seniors pursuing research and the writing of the required senior paper.

**Co-requisite:** Spanish literature course.

**SPA 999****Spanish Elective****1-6 credit hours**

Course transferred to apply to an ORU major or minor. (More than one course can be transferred under this number.)

**Restriction:** 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. (Equivalent Course: SOC 302.)

**Prerequisites:** SOC 101 and SWK 202.

**Prerequisite or co-requisite:** MAT 232.

**Course fee:** \$45

**SWK 303****Social Welfare Policy****3 credit hours**

Provides a major portion of the social welfare policy and services content of the social work professional degree program and a framework for analysis of social welfare policy both nationally and locally. Includes specific social welfare policies (e.g., income maintenance, health, education), social welfare history, values, and various social forces that impact policy decisions.

**Prerequisites:** GOV 101, SWK 202, and BUS 201.

**SWK 309****Human Behavior in the Social****Environment I****3 credit hours**

Focuses on the theories and knowledge of human bio-psycho-social-spiritual development throughout the life span. Provides human behavior in the social environment content for the social work professional degree plan. Emphasizes the mutual interdependence between the developing individual and his or her various micro-systems, including characteristics of peer relationships, family dynamics, and the developing individual. Topics include theoretical perspectives on human behavior; conception, pregnancy, and birth; infancy and early childhood; middle childhood; adolescence; adulthood; and late adulthood. (Equivalent Course: PSY 301.)

**Prerequisites:** PSY 201 and SOC 101.

**SWK 310****Human Behavior in the Social****Environment II****3 credit hours**

Focuses on the theories and knowledge of human bio-psycho-social-spiritual development within the contexts of various system levels. Provides human behavior in the social environment content for the social work professional degree plan, which emphasizes the mutual interdependence between aspects of the developing individual and his or her various contexts. Topics include the following: the social work perspective on human biology; theories of cognition, emotion, and self; the concept of stress and normal and abnormal coping; theories of spiritual development; the relationship between the physical environment and behavior; contemporary trends in U.S. social institutions; social inequality; the meaning of culture; perspectives on formal organizations; social work and communities; social movements; small groups in social work; and understanding contemporary U.S. families.

**Prerequisite:** SWK 309.

**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.

**Co-requisites:** 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.

**Co-requisites:** 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. (Equivalent Course: SOC 300.)

**Prerequisites:** SWK 202, 331, 332, and admission to the professional social work degree program.

**Co-requisites:** SWK 342.

**SWK 341****Junior Practicum I****2 credit hours**

A field practicum experience that places the student in a social service agency five hours

per week. In addition, the student spends one class hour per week in an integrative seminar. (This course is the practicum portion of the co-requisite courses SWK 331 and 332.)

**Prerequisite:** SWK 202.

**Co-requisites:** 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 and 341.

**Co-requisite:** 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.

**Restriction:** 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.)

### **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.

**Prerequisites:** 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.

**Restriction:** 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. (Equivalent Course: SOC 420.)

**Prerequisite:** SOC 101.

### **SWK 445**

#### **Senior Practicum**

#### **12 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 master's in social work (MSW) degree and perform roles and follow job descriptions similar to those of the professional social workers of the agency.

**Prerequisites:** SWK 202, 302, 303, 331, 332, 333, 341, 342, and senior status in the Social Work Program.

### **SWK 450**

#### **Directed Study**

#### **1-3 credit hours**

Under supervision of a behavioral science faculty member, the student pursues a specialized learning experience with designated learning objectives and implementation procedures.

**Restriction:** 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.

**Restriction:** Senior standing in professional social work program and arrangement with the social work faculty.

### **SWK 499**

#### **Senior Research Paper**

#### **3 credit hours**

The capstone course in the social work professional degree plan. Working from a research proposal developed in SWK 302, the student completes a comprehensive written analysis of an issue relevant to the social work profession and the student's personal practice goals.

**Prerequisites:** MAT 232 and SWK 302  
**Restriction:** Senior standing.

### **SWK 999**

#### **Social Work Elective**

#### **1-3 credit hours**

Course transferred to apply to an ORU major or minor. (More than one course can be transferred under this number.)

**Restriction:** Approval by petition to department chair.

## **Theological and Historical Studies (THE)**

### **THE 103**

#### **Spirit-Empowered Living**

#### **3 credit hours**

Presents the theological roots of Oral Roberts University and its contribution to the Body of Christ. Emphasizes the importance of the Holy Spirit in the life of the believer and the fact that God is still in living commerce with people, working supernaturally through healing and the gifts

of the Spirit. Introduces basic Christian charismatic beliefs through a topical study of the major themes of the Bible. In keeping with the founding purposes of Oral Roberts University, these beliefs are taught from an interdenominational and charismatic point of view to demonstrate the relevance of Biblical truths not only for what Christians believe and say but also what Christians do in Spirit-empowered living.

### **THE 104**

#### **Spirit-Empowered Living 2 credit hours**

Presents the theological roots of Oral Roberts University and its contribution to the Body of Christ. Emphasizes the importance of the Holy Spirit in the life of the believer and the fact that God is still in living commerce with people, working supernaturally. Introduces basic Christian Spirit-Filled beliefs through a topical study of the major themes of the Bible. In keeping with the founding purposes of Oral Roberts University, these beliefs are taught from an interdenominational and Holy Spirit Empowered point of view to demonstrate the relevance of Biblical truths not only for what Christians believe and say but also for what Christians do in Spirit-empowered living.

### **THE 105**

#### **Spirit-Empowered Leadership 2 credit hours**

A survey of the work of the Holy Spirit in the life of the believer in regards to the supernatural gifts and the principles and practices of Christian healing. This will include understandings of healing in the Bible, church history and contemporary Christian practice along with an overview of how all the spiritual gifts contribute toward the believer's impact in the world. Special attention will be given to assisting the student in realizing how various disciplines of study contribute toward bringing healing to the world.

### **THE 106**

#### **Spirit-Empowered Living (Year-Long Certificate) 4 credit hours**

Emphasizes the core beliefs and practices of the Christian life that emerged from the life and ministry of Oral Roberts, including the nature of God, Devotional Life, Healing Ministry and Prayer that flows from the work of the Holy Spirit to renew the spirit, mind and body of the believer.

### **THE 217**

#### **Seminar in Theological Research 3 credit hours**

Designed to give students a working knowledge of the materials and methods used in theological research. Emphasizes philosophical analysis, theological bibliography, critical methods of reading and studying, research methodology, and thesis writing.

### **THE 299**

#### **Introduction to Theology 3 credit hours**

A study of the idea of theology, the existence and character of God, the doctrine of the Scriptures, Christology, the Holy Spirit, theological anthropology, and the doctrine of salvation.

### **THE 302**

#### **Introduction to Philosophy 3 credit hours**

An introduction to the major problems of philosophy with ancient and modern proposals of solutions. Emphasizes notable Christian thinkers.  
Equivalent Course: PHIL 302

### **THE 303**

#### **Major Religions of the World 3 credit hours**

A historical survey of current world religions. Emphasizes major beliefs and ethics of various religions.

### **THE 304**

#### **Contemporary Religions in America 3 credit hours**

A historical survey of current religions in contemporary America. Emphasizes major beliefs and ethics of various religions.

### **THE 313**

#### **Systematic Theology I 3 credit hours**

A study of the idea of theology, the existence and character of God, the doctrine of the Scriptures, and Christology.

### **THE 314**

#### **Systematic Theology II 3 credit hours**

A study of the Holy Spirit, theological anthropology, and the doctrine of salvation.

### **THE 320**

#### **Systematic Theology 3 credit hours**

A study of the major doctrines of systematic theology, including the God, Jesus Christ, Holy Spirit, the Trinity, human nature, salvation, the church, sacraments, and last things. (Equivalent Course: BIB 320).

### **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 380**

#### **Israel: The People and the Land 3 credit hours**

This course engages students in critical reflection on the people and the land of Israel in regards to biblical interpretation, history, geography, archaeology, environmental science, theology, international relations, and the quest for peace. (Equivalent Course: GEN 380).

### **THE 398**

#### **Research Practicum 2 - 3 credit hours**

The student is assigned a faculty mentor and participates in research and writing on a particular research project with the mentor. The supervised activities will relate to a research effort in which the faculty mentor will evaluate the student's competencies, skills, and knowledge of research and writing. The course will produce a written article, review, or section of a publication.

### **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.  
Equivalent Course: PHIL 401

### **THE 402**

#### **Divine Healing 3 credit hours**

The purpose of this course is to assist the student in gaining a perspective of divine healing from Scripture, the theology and practice of the church, and as an integral component of the local church's life and ministry.

### **THE 403**

#### **Global Christianity 3 credit hours**

A study of the diverse traditions, beliefs, practices, and locations of the global Christian movement

### **THE 404**

#### **C. S. Lewis: His Life and His Legacy 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.

### **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 420**

#### **A Biblical Approach to Middle Eastern Religious Literature**

##### **3 credit hours**

This interdisciplinary course will conduct a comparative analysis of the Bible and the Qur'an with an eye toward observing differences in the depiction of leading characters, theological tenets, religious practices, and political theology. Careful attention will be given to passages in the Qur'an which are touchstones for Islamic attitudes toward Judaism and Christianity. The class will evaluate the significance of these attitudes for contemporary Islamic political thought and terrorism. (Equivalent Course: GEN 420).

### **THE 444**

#### **Contemporary Theology**

##### **3 credit hours**

A study of mid-19th century trends in theological thought from Schleiermacher to modern theologians, with special reference to theological options of the present day.

### **THE 445**

#### **Charismatic Theology**

##### **3 credit hours**

A study of the history and teaching of the doctrine of the Holy Spirit within the context of the New Testament, the theological teachings of the Early Church Fathers, and contemporary theological expressions of the Holy Spirit's supernatural gifts.

### **THE 455**

#### **Intensive Studies**

##### **3 credit hours**

An investigation of selected theological and historical themes. Topic 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.

### **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.

### **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 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**

#### **Theological-Historical Elective**

##### **1-6 credit hours**

Course transferred to apply to an ORU major or minor. (More than one course can be transferred under this number.)

**Restriction:** Approval by petition to department chair.

## **Translation (TRNS)**

### **TRNS 310**

#### **Introduction to Translation and Interpretation**

##### **3 credit hours**

An introduction to the history, theory, various modes and methods of translating and interpreting (consecutive, simultaneous and sight-translation) as well as employment opportunities. Simple exercises in analysis and translation and practical

application are primarily from the foreign language into English. Also includes an introduction to ethical and moral dilemma, cross-cultural perspectives and technology in current professional practices.

**Prerequisite:** Foreign language 204, 301 and 302 or demonstrated language skills at the 302 level.

### **TRNS 321**

#### **Beginning Translation**

##### **3 credit hours**

An introduction to translation theory and the various methods used in translating written texts from the foreign language into English with specific attention given to problem-solving techniques. Entails translating material of general information (culture, education, government, religion and medicine). Students learn how to move from phrases to sentences and finally to whole texts. Includes an introduction to various technologies applied to the translation process, such as Computer Assisted Translation (CAT), terminology management and translation databases.

**Prerequisite:** TRNS 310,

### **TRNS 331**

#### **Intermediate Translation**

##### **3 credit hours**

Application of theory, methods and techniques as applied to written translation from English into the foreign language. Material is translated from a variety of areas including legal, financial, medical and scientific fields as well as community needs. Provides further experience with the various technologies applied to the translation process including Computer Assisted Translation (CAT), terminology management and translation databases.

**Prerequisite:** TRNS 321.

### **TRNS 441**

#### **Advanced Translation**

##### **3 credit hours**

Application of translation method techniques at the advanced level, primarily from English into the foreign language. Translation of material of a more complex nature from a variety of fields including medicine, insurance, technology and other specialized areas.

**Prerequisite:** TRNS 331.

### **TRNS 499**

#### **Senior Paper/Project**

##### **3 credit hours**

A designed research/writing project for seniors studying under the personal guidance of a professor involving specialized researched in the field of translation or interpreting.

**Prerequisite:** Senior standing or departmental approval.

## Theatre, Dance and Visual Arts (TDVA)

### TDVA 453

#### Directed Study & Research

##### 1 - 3 credit hours

A collaboration between student and professor on an approved topic. This course will be a directed study which means the professor and the student will create a unique syllabus for the course. Content and credit amount will vary

**Restrictions:** Consent of instructor.

## Television and Film (TVF)

### TVF 116

#### Workshop: Production Equipment

##### 1 credit hour

A theoretical and practical overview of the safe operation and maintenance of the basic equipment available for students to check out at the ORU CMD Media Equipment Office (MEO).

**Course fee:** \$40

### TVF 127

#### Introduction to Audio Production

##### 3 credit hours

A comprehensive introduction to the diverse field of audio production. Covers fundamentals of audio, both analog and digital; the processing of and equipment used in audio; responsibilities of the communicator through the medium of audio; and the diversity of audio as used in radio, television, and recording studios. Students are encouraged to consider responsibilities that the Christian communicator has in the modern media milieu.

**Course fee:** \$40.

### TVF 128

#### Principles of Audio Production

##### 3 credit hours

A comprehensive introduction to the diverse field of audio production for MMI majors. Covers the fundamentals of audio, both analog and digital; the processing of and equipment used in audio; the responsibilities of the communicator through the medium of audio; and the diversity of audio as used in radio, television, and recording studios. Students are encouraged to consider the responsibilities that the Christian communicator has in the modern media milieu.

**Course fee:** \$40.

### TVF 140

#### Digital Storytelling

##### 3 credit hours

Digital stories are multimedia movies that combine photographs, video, animation, sound, music, text, and narration and are distributed in various venues including broadcasting, the classroom, and the Internet. Students will be introduced to this emerging transmedia approach and will demonstrate and discuss techniques and best practices from video production, web design, graphic design, journalism, sound design, social media and film production.

### TVF 216

#### Workshop: Production Experiences

##### 1-3 credit hours

TV Production Workshop is practical hands-on experience where students produce a weekly 30 minute news-style program. The creative team, talent, and crew are all ORU students. (May be repeated for credit.)

**Course fee:** \$40.

### TVF 218

#### Workshop: KORU

##### 1-3 credit hours

Provides a day-to-day experience relating to the operation, function, and management of a radio station through hands-on participation in sales, programming, and management. (May be repeated for credit.)

**Course fee:** \$20.

### TVF 228

#### Introduction to Television Production

##### 3 credit hours

A broad overview of television production procedures in the contemporary television production studio.

**Course fee:** \$40.

### TVF 231

#### Principles of TV Production

##### 3 credit hours

Designed to provide a broad overview of television production procedures in the contemporary television production studio.

**Course fee:** \$40.

### TVF 232

#### Field Production and Editing

##### 3 credit hours

An in-depth study of field production and editing techniques in television. Students gain new skills and in-sights to equip them for successful single-camera and multiple-camera remote situations.

**Prerequisite:** TVF 116.

**Course fee:** \$40.

### TVF 233

#### Production Software

##### 3 credit hours

A fundamental course utilizing beginner and intermediate level concepts and skills for the major types of software common in media production. Provides basic proficiency in the fundamentals of graphic and photo finishing, nonlinear editing, and animation and compositing.

**Prerequisite:** INT 201.

**Course fee:** \$2800

### TVF 305

#### Visual Media Industries

##### 3 credit hours

Designed to give the student an in-depth study of media business centering on legal issues, programming, distribution, management, ethics, entrepreneurial and professional career development.

### TVF 312

#### Advanced Audio Production

##### 3 credit hours

Designed to amplify and focus student interest and study in a specific technical area of television and film. Through lectures, lab, class demonstrations, and projects, the student develops skill and knowledge in the technical and artistic aspects of audio and sound recording techniques for film and television.

**Restriction:** Junior or senior standing and instructor approval.

**Course fee:** \$40.

### TVF 313

#### Lighting for TV/Film

##### 3 credit hours

Concentrated study of the technical and creative aspects of lighting. Includes a practical examination of the tools, techniques, and theories of lighting for TV/Film.

**Prerequisite:** TVF 228.

**Course fee:** \$40.

### TVF 314

#### Media Operations

##### 3 credit hours

Designed to give the student an understanding of the design and use of equipment in radio, television, and multimedia facilities. Key topics include features and functions of equipment, interconnection, camera setup, drive signals, signal distribution, and new technologies.

**Course fee:** \$40.

### TVF 316

#### Workshop: Production Experience

##### 1-3 credit hours

This course facilitates experience in various types of hands on productions. Students, with the approval of the instructor, work as a production team and/or in individual projects. These may include working for the ORU Chapel broadcast recordings, class

production projects, small team projects, and individual projects, all of which are for a client or under the supervision of a professional. (May be taken 3 times for credit).

**Course fee:** \$40.

### **TVF 317**

#### **Media Analysis**

**3 credit hours**

Provides students with essential skills to critically evaluate the content of media in popular society, primarily television and film. Students evaluate multiple works and develop written critiques of various genres. (This is a writing-intensive course.)

**Course fee:** \$40.

### **TVF 318**

#### **Fundamentals of Screenwriting**

**3 credit hours**

A solid training on the basics of dramatic scriptwriting for film and analyzes scripts from a Christian viewpoint. Includes creating effective plots and the study of conflict, characterization, dialogue, and format. Each student writes several scenes and two short film scripts.

### **TVF 325**

#### **Cinematography**

**3 credit hours**

Focuses on storytelling through a motion picture camera utilizing the elements of cinematography. Projects are shot with digital equipment. Includes creative and technical elements characteristic of film production.

**Prerequisite:** TVF 337.

**Course fee:** \$40.

### **TVF 329**

#### **Advanced Television Production**

**3 credit hours**

A continued study of studio production techniques begun in TVF 231. 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 Media Mastery Institute.)

**Prerequisite:** TVF 231.

**Course fee:** \$40.

### **TVF 337**

#### **Film Directing and Producing**

**3 credit hours**

Concentrates on single-camera, dramatic-production techniques. Projects are shot entirely with video equipment, emphasizing film-style shooting. Includes creative and technical elements characteristic of film production.

**Course Fee:** \$40.

### **TVF 345**

#### **Talk Radio**

**3 credit hours**

An overview of broadcast announcing procedures in a number of different broadcast situations. Students practice delivery of a wide range of broadcast copy. Course fee: \$40.

### **TVF 350**

#### **Advanced Post Production**

**3 credit hours**

Designed to build on the skills and techniques learned in Production Software and Field Production and Editing. Students are enabled to produce professional quality short and long form media projects for diverse distribution avenues, including film, television and social media.

**Prerequisite:** TVF 233.

### **TVF 355**

#### **Advanced Film Directing**

**3 credit hours**

Concentrates on mastering single-camera, dramatic-production techniques, integrating all visual elements of cinematography plus perfecting the art of directing actors, and editing the dramatic work into a powerful entertainment piece. Projects are shot with digital equipment.

**Prerequisite:** TVF 337.

**Course fee:** \$40.

### **TVF 408**

#### **Broadcast News**

**3 credit hours**

Studies broadcast journalism, its tools, and techniques. Examines the factors that determine the value of news and how news is gathered and disseminated. Provides experience in writing news for broadcast and in delivering news in an "On Air" situation. Presents a Christian perspective and teaches responsibility as a Christian in the field of broadcasting.

**Prerequisites:** JRN 107, JRN 207, TVF 128, TVF 231, and TVF 232.

**Co-requisite:** TVF 409.

**Course fee:** \$40.

### **TVF 409**

#### **Broadcast News Lab**

**1 credit hour**

Students learn to apply (with instructor oversight) basic broadcast journalism tools, and techniques to accomplish assignments that emulate various broadcast TV and radio/podcast roles and tasks. Provides practical experience in writing and producing the various components and packages needed for producing and broadcasting news across multiple platforms of TV, radio/podcasts, and digital media news-related broadcasts and in

delivering news in an "On Air" and "Live on tape" situations. Taught in conjunction with TVF 408. Presents a Christian perspective and teaches responsibility as a Christian in the field of broadcasting.

**Prerequisites:** JRN 107, JRN 207, TVF 128, TVF 231, and TVF 232.

**Co-requisite:** TVF 408.

### **TVF 416**

#### **Workshop: Advanced Production**

##### **Equipment**

**1 credit hour**

A theoretical and practical overview of the safe operation, set up and maintenance of the advance video production and cinema equipment available for students to check out at the ORU CMD Media Equipment Office (MEO).

**Course fee:** \$40

### **TVF 447**

#### **Producing and Directing**

**3 credit hours**

An examination of the role of the producer and director in TV production. Emphasizes program concept formation and development for the producer and creative interpretation for the director.

**Prerequisite:** TVF 228.

**Course fee:** \$40.

### **TVF 457**

#### **Advanced Field Production and Editing**

**3 credit hours**

Examines both long and short form productions shot on location. Emphasizes commercials, documentaries, and demonstrational video productions.

**Prerequisite:** TVF 232.

**Course fee:** \$40.

### **TVF 477**

#### **Production House**

**1-3 credit hours**

This course provides advanced experience in an area of production under the guidance of a professional mentor. Through the mentorship and accomplishment of a particular task/job/ project in the course, the student will gain advanced production skills specific to one area of production. The course is project oriented where the student would need to find a task/job/ project ("apprenticeship") that he or she can accomplish under the guidance of a mentor. Restriction: Senior standing.

### **TVF 499**

#### **Senior Research Project**

**3 credit hours**

Specialized research culminating in a senior paper and/ or other approved project.

**Prerequisite:** TVF 232.

**Course fee:** \$40.

**TVF 999****Television and Film Elective****1-6 credit hours**

Course transferred to apply to an ORU major or minor. (More than one course can be transferred under this number.)  
Restriction: Approval by petition to department chair.

**Writing (WRT)****WRT 112****Reading and Writing Laboratory****1 credit hour**

Individualized diagnosis, prescription, and instruction in reading and writing for academic purposes. (May be taken two semesters for credit.)

**WRT 201****Introduction to Writing****3 credit hours**

An introductory course designed for writing majors who are planning to work in the literary forms of fiction, poetry, and drama. Includes representative readings from modern authors who describe the writing craft, its requisite skills and values. Students explore various approaches to a Christian aesthetic and to the vocation of a creative artist. Includes readings from a variety of literary genres, analyzing the style and structure of these works, and composing poems and short prose pieces using exposition, description, narration, and dialogue.

**Prerequisite:** COMP 102.

**Co-requisite:** WRT 212.

**WRT 212****Writing Workshop: Revising****1 credit hour**

Serves as a writing workshop for students in WRT 201. The students will discuss, evaluate, and propose revisions for their drafts of informal essays, short stories, poems, and dramatic scenes. They will practice the skills and values discussed by some leading writers represented in their textbooks required in WRT 201. They will be expected to offer honest, respectful comments to their peers in the lab.

**Co-requisite:** WRT 201.

**WRT 300****Peer Tutor Workshop****3 credit hours**

A study of specific teaching skills for the purpose of training tutors, writers, and teachers. Includes a review of written and oral communication techniques as well as research in effective tutoring and collaborative writing methods. Also includes a tutoring practicum in the Tutoring Center.

**WRT 304****Structure of Modern English****3 credit hours**

A study of the structure of modern English through the analysis of conventional grammar and usage. Focuses on verbs and the form and function of words, phrases, and clauses. Compares and contrasts sentence structure and language variation from both descriptive and prescriptive viewpoints. Uses a linguistics approach to the analysis and structure of English. (Honors section is available.)

**WRT 312****Writing Workshop: Copyediting****1 credit hour**

Provides editing, proofreading, and copyediting experience. Focuses on marking online and paper texts. Includes identifying and solving problems in texts as well as editing for accuracy and revising for clarity and conciseness.

**Prerequisite:** WRT 304.

**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.

**Prerequisite:** WRT 201.

**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: COMP 102, typing ability, and basic computer skills.

**Course 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.

**Course 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.

**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.) (Equivalent Course: CAM 451)

**Prerequisite:** WRT 304

**Restriction:** Permission of the department required.

**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.

**WRT 412****Writing Workshop: Freelance and Publishing****1 credit hour**

Provides opportunities and advice for grappling with ethical issues and how to make professional documents and connections in the writing field.

**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.

**Prerequisite:** COMP 102.

**Restriction:** Junior or senior standing.

### **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.

**Restrictions:** Permission of professor and department chair required.

### **WRT 499**

#### **Senior Paper/Project**

##### **3 credit 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.

Restrictions: Senior standing and departmental approval required.

### **WRT 999**

#### **Writing Elective**

##### **1-6 credit hours**

Course transferred to apply to an ORU major or minor. (More than one course can be transferred under this number.)

Restriction: Approval by petition to department chair.]