

# SCHOOL OF ARTS AND SCIENCES

**George X. Thyvellakath, Ph.D., Dean**  
**David Connor, Ph.D., Associate Dean**

The School of Arts and Sciences houses the academic departments of Art; Behavioral Science; Biology; Chemistry; Communication Arts; Computer Science and Mathematics; Engineering, Physics, and Physical Science; English; Health, Physical Education, and Recreation; History, Humanities, and Government; Modern Languages; Music; and Undergraduate Theology. Forty-two majors are provided through these 13 departments. In addition, over one-third of the degree requirements in general education for the other ORU professional schools are offered through the School of Arts and Sciences.

## Faculty

**Lois Ablin**.....Assistant Professor of Chemistry  
 B.A., Augustana College, 1961; Ph.D., University of Nebraska, 1970.

**Amanda Acree**.....Assistant Professor of English  
 B.A., Oral Roberts University, 1993; M.A., 1994; Ed.D., 2003.

**Robin Akbar**.....Assistant Professor of Physics  
 B.S., University of Panjab, 1964; M.S., 1967.

**Johnny Mac Allen**.....Associate Professor of Communication Arts  
 B.S., Central State University, 1977; M.A., University of Oklahoma, 1979; Ed.D., Oklahoma State University, 1984.

**Jeffrey Barbeau**.....Assistant Professor of Theology  
 B.A., Oral Roberts University, 1995; M.A., Old Dominion University, 1996; M.A., Marquette University, 1998; Ph.D., 2002.

**Carol Blan**.....Assistant Professor of Christian Education and Chair, Department of Theology  
 B.A., Central Bible College, 1970; B.S.N., University of Tulsa, 1974; M.A., Oral Roberts University, 1990.

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

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

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

**Tim Brooker**.....Assistant Professor of Government  
 B.A., John Brown University, 1979; M.A., University of Kentucky, 1981; M.P.A., 1983; Ed.D., University of Arkansas, 1998.

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

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

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

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

**Robert Canada**.....Assistant Professor of Health, Physical Education, and Recreation  
 B.S., Memphis State University, 1968; M.Ed., 1973.

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

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

**William B. Collier**.....Professor of Chemistry  
 B.S., Oral Roberts University, 1977; M.S., Oklahoma State University, 1981; Ph.D., 1983.

**David Connor**.....Professor of German and Associate Dean  
 B.A., Oral Roberts University, 1973; M.A., University of North Dakota, 1976; Ph.D., Michigan State University, 1987.

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

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

**Tony Domeck**.....Instructor of Health, Physical Education, and Recreation;  
 B.S., University of Idaho, 1986; M.B.A., Embry Riddle University, 1989.

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

**Dave R. Eland**.....Professor of Computer Science  
 B.S., Oral Roberts University, 1969; M.S., University of Tulsa, 1971; Ph.D., University of Illinois, 1975.

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

**Clark Eldridge**.....Associate Professor of Psychology  
 B.S., Maryville College, 1959; M.A., Ohio University, 1961; Ph.D., University of Delaware, 1965.

**Lanny R. Endicott**.....Associate Professor of Social Work  
 B.S., Southwest Missouri State University, 1966; M.R.E., Southwestern Baptist Theological Seminary, 1971; M.S.S.W., University of Missouri, 1971; D.Min., Midwestern Baptist Theological Seminary, 1988.

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

**Ralph Fagin**.....Professor of Sociology and Vice President for Academic Affairs  
 and B.A., Oral Roberts University, 1970; M.S., Oklahoma State University, 1972; Ph.D., 1974.

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

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

**Randall Feller**.....Associate Professor of Psychology  
 B.M.E., Oral Roberts University, 1981; M.S., Oklahoma State University, 1987; Ph.D., 1991.

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

**Rhonda Gallagher**.....Instructor of Communication Arts  
 B.S., Southwest Missouri State University, 1979; M.S., Oklahoma State University, 2002.

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

**Jim Glover**.....Associate Professor of Mathematics  
 B.S., Langston, 1968; M.S., State University of New York, 1976; Ph.D., Auburn University, 1984.

**Keith Gogan**.....Instructor of English  
 B.A., Oral Roberts University, 1987; M.A., 1994.

**Bill Gordon**.....Assistant Professor of Health, Physical Education, and Recreation  
 B.S.E. John Brown University, 1982; M.Ed., University of Central Oklahoma, 1995; Ed.D., Oral Roberts University, 2004.

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

**Daniel J. Grimes**.....Associate Professor of Church Ministries  
 B.A., Central Bible College, 1982; M. Div. Oral Roberts University, 1988; D. Min., Oral Roberts University, 1995.

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

**Dominic M. Halsmer**.....Professor of Engineering and Chair, Department of Engineering, Physics, and Physical Science  
 B.S., Purdue University, 1985; M.S., 1986; Ph.D., University of California, 1992; P.E., 1995.

**Roger D. Hartman**.....Professor of Physics  
 A.B., William Jewell College, 1958; M.S., University of Arkansas, 1960; Ph.D., Oklahoma State University, 1967.

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

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

**Stephen Herr**.....Professor of Physical and Environmental Science  
 B.S., Juniata College, 1967; M.S., University of Iowa, 1971; Ph.D., Oklahoma State University, 1991.

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

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

**Fritz Huber**.....Associate Professor of Health, Physical Education, and Recreation; and Chair, Department of Health, Physical Education, and Recreation  
 B.Ed., University of Toledo, 1978; M.S., University of Oklahoma, 1985; Ed.D., University of Northern Colorado, 1991.

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

**Carol Johnson**.....Assistant Professor of Pastoral Care and Counseling  
 B.A., Asbury College, 1967; M.A.R., Asbury Theological Seminary, 1970; M.A., Eastern Kentucky University, 1983; D. Min., Lexington Theological Seminary, 1986.

**Scarlet Johnson**.....Assistant Professor of Health, Physical Education, and Recreation  
 B.S., Illinois State University, 1975; M.S., Western Illinois University, 1982.

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

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

**Robert Kiel**.....Assistant Professor of Social Work  
 B.A., Oral Roberts University, 1989; M.S.W., Marywood College, 1990.

**Catherine Klehm**.....Associate Professor of Chemistry  
 B.S., Oral Roberts University, 1990; M.Ed., Northeastern State University, 1992; Ed.D., Oklahoma State University, 2001.

**John Korstad**.....Professor of Biology  
 B.A., B.S., California Lutheran College, 1972; M.S., California State University, 1980; M.S., University of Michigan, 1979; Ph.D., 1980.

- Mark Labash**.....Assistant Professor of Communication Arts  
B.S., Oral Roberts University, 1974; M.S., Oklahoma State University, 1976.
- Jeffrey Lamp**.....Associate Professor of New Testament  
B.S., University of Oklahoma, 1983; M.Div., Oral Roberts University, 1990; Ph.D., Trinity Evangelical School, 1995.
- Andrew Lang**.....Associate Professor of Mathematics  
B.S., University of Kent, 1991; M.S., University of Tulsa, 1993; Ph.D., University of Missouri, 1998.
- Douglas Latta**.....Associate Professor of Art  
A.A., Mt. Olive College, 1962; A.B., East Carolina University, 1964; M.F.A., Florida State, 1970.
- Carole Lewandowski**.....Assistant Professor of Communication Arts  
B.A., Michigan State University, 1959; M.A., University of Tulsa, 1972.
- Raymond J. Lewandowski**.....Professor of Drama  
B.A., Michigan State University, 1958; M.A., 1961; Ph.D., University of Michigan, 1976.
- Sophie Xiao Fan Liu**.....Associate Professor of Engineering  
B.S., Sichuan University, 1982; M. Eng., Xidian University, 1992; Ph.D., National University of Singapore, 1997.
- Leigh Anne Locke**.....Instructor of Mathematics  
B.S., Oral Roberts University, 1997; M.A., University of Tulsa, 1999.
- Lon Lusby**.....Instructor of Health, Physical Education, and Recreation  
B.S., Oral Roberts University, 2001; M.A., 2003.
- C. Thomas Luiskutty**.....Professor of Physics  
B.S., S.B. College, University of Kerala, India, 1965; M.S., 1969; Ph.D., University of Louisville, 1974.
- Xiaomin Ma**.....Assistant Professor of Engineering and Physics  
B.S., Anhui University, 1984; M.S., Beijing University of Aerospace and Aeronautics, 1989; Ph.D. Beijing University of Posts and Telecommunications, 1999.
- Nancy Mankin**.....Assistant Professor of Health, Physical Education, and Recreation  
B.S., Central State University, 1980; M.Ed., 1993.
- Richard R. Martin**.....Professor of Engineering  
B.S., University of Tulsa, 1965; M.S., 1967; Ph.D., 1971.
- John Matsson**.....Associate Professor of Engineering  
M.S.E., Royal Institute of Technology, Sweden, 1988; L.E., 1991; Ph.D., 1994.
- Judith Mayton**.....Instructor of Sociology  
B.A., University of Southern Mississippi, 1965; M.S., Northeastern State University, 1988.
- Susan McMurry**.....Instructor of Organizational/ Interpersonal Communication  
B.A., Oral Roberts University, 1991; M.A., Oklahoma State University, 1996.
- Nathan H. Meleen**.....Professor of Earth Science  
B.A., San Jose State College, 1962; M.A., Clark University, 1964; Ph.D., 1977.
- Kay Meyers**.....Associate Professor of English  
B.A., University of Oklahoma, 1969; M.L.S., 1981; Ph.D., University of Tulsa, 1988.
- Joseph Mukasa**.....Assistant Professor of Communication Arts  
B.A., Maherere University, 1967; M.A., Oral Roberts University, 1991; Ph.D., University of California, 1981.
- M. Lenore Mullican**.....Assistant Professor of Hebrew  
B.S.N., Oklahoma University, 1967; M.A., Oral Roberts University, 1993.
- Sara Myer**.....Instructor of Biology  
B.A., Oral Roberts University, 1994; M.Ed., 1995.
- Peggy M. Null**.....Instructor of English  
B.A., Furman University, 1963; M.A., Kansas State University, 1971.
- Caroline O'Farrell**.....Assistant Professor  
B.S., Oral Roberts University, 1993; M.A., College of William and Mary, 1995; Ph.D., University of Washington, 2000.
- Nathan Opp**.....Instructor of Art  
B.S., Biola University, 1997; M.S., Pratt Institute, 1999.
- Edward A. Pierce**.....Professor of Music and Chair, Department of Music  
B.M., Houghton College, 1969; M.M., Eastman School of Music, 1971; D.M.A., 1975.
- Glenn T. Plum**.....Assistant Professor of Drama  
B.A., Otterbein College, 1970; M.Div., Southwestern Baptist Theological Seminary, 1975; D.Min., Luther Rice Seminary, 1985.
- Gary Pranger**.....Associate Professor of History/Humanities  
B.S., Illinois State University, 1975; M.S., 1980; Ph.D., University of Illinois, 1987.
- Kenneth Preston**.....Assistant Professor of Computer Science and Chair, Department of Computer Science and Mathematics  
B.S., University of Central Oklahoma, 1973; M.B.A. Phillips University, 1978; Ed.D., Oklahoma State University, 1993.
- Chris Putnam**.....Instructor of Journalism  
B.A., Northeastern State University, 1996; M.S., 1997.
- Scott Quant**.....Associate Professor of Music  
B.M.E., Oral Roberts University, 1988; M.M.E., University of Rochester, 1992; Ph.D., University of Arizona, 1999.
- Dorothy Radin**.....Instructor of Mathematics  
B.S., Minot State College, 1971; M.A., DePaul University, 1992.
- Hal Reed**.....Professor of Biology and Chair, Department of Biology,  
B.S., Oral Roberts University, 1975; M.S., Texas A&M University, 1978; Ph.D., Washington State University, 1982.
- Warren Rieger**.....Instructor of Humanities  
B.S., Phillips University, 1975; M.Ed., 1993.
- Gary L. Ritzhaupt**.....Assistant Professor of Chemistry  
B.S., Ohio University, 1966; M.S., Oklahoma State University, 1971.
- Tanya Rogers**.....Instructor of Humanities  
B.A., University of Georgia, 1995; M.A., Jerusalem University College, 1998.
- Richard N. Seaman**.....Associate Professor of Biology  
B.S., Colorado State University, 1968; Ph.D., 1975.
- Margaret Sehorn**.....Instructor of French  
B.A., University of Southern California, 1968; M.A., 1970.
- James B. Shelton**.....Professor of New Testament  
B.A., Oral Roberts University, 1973; M.A., 1977; Ph.D., University of Stirling, Scotland, 1982.
- Wendy Shirk**.....Assistant Professor of Organizational/ Interpersonal Communications  
B.A., Oral Roberts University, 1987; M.A., Oklahoma State University, 1991; Ed.D., Oral Roberts University, 2002.
- Robert Skinner**.....Assistant Professor of French and Chair, Department of Modern Foreign Languages  
B.A., Our Lady of the Lake, 1970; M.Div., Southwestern Baptist Theological Seminary, 1978; M.A.T., Southwest Texas State University, 1990; Ed.D., Texas A & M., 1997.
- Glenn Smith**.....Instructor of Health, Physical Education, and Recreation  
B.S., Oklahoma State University, 1970; M.S., 1971.
- Raymond Smith**.....Assistant Professor of Missions and Christian Education  
B.S., Southwestern College of Christian Ministries, 1991; M.A., Oral Roberts University, 1993; D.Miss., Asbury Theological Seminary, 1999.
- Debra Olson Sowell**.....Professor of Mathematics and Dean of Instruction  
B.A., University of South Dakota, 1971; M.A.T., University of Nebraska, 1975; Ph.D., Oklahoma State University, 1996.
- Dana Sterling**.....Instructor of Journalism  
B.S., University of Tulsa, 1983; M.A., University of Oklahoma, 1997.
- George Stevenson**.....Associate Professor of Music  
B.Mus., Ouachita Baptist University, 1966; M.C.M., Southern Baptist Theological Seminary, 1971; D.M.A., 1977.
- Bob Steward**.....Instructor of Mathematics  
B.S., Northeastern State University, 1966; M.S., University of Notre Dame, 1971.
- Robert C. Stewart**.....Associate Professor of Chemistry and Chair, Department of Chemistry  
B.Sc., Eastern Nazarene College, 1971; M.S., John Hopkins University, 1975; Ph.D., 1976.
- Wendy Stout**.....Associate Professor of Biology  
B.S., University of Wyoming, 1989; M.S., 1992; Ph.D., University of North Dakota, 1998.
- Richard A. Sutliff**.....Instructor of Music  
B.Mus., Oral Roberts University, 1994; M.M., University of Tulsa, 1996.
- John W. Swails, III**.....Associate Professor of History and Chair, Department of History, Humanities, and Government  
A.B., University of Georgia, 1969; M.A., 1972; M.A., Brandeis University, 1975; Ph.D., University of Georgia, 1983.
- Patti Teachchuk**.....Instructor of Health, Physical Education, and Recreation  
B.S., Oral Roberts University, 1975; M.Ed., 1997.
- R. Samuel Thorpe**.....Professor of Philosophy and Theological Studies  
B.A., University of Arkansas, 1971; M.A., Oral Roberts University, 1981; Ph.D., University of Tulsa, 1989.
- George X. Thyvelikakath**.....Professor of Chemistry and Dean  
B.S., S.H. College, University of Kerala, 1965; M.S., University of Southwestern Louisiana, 1971; Ph.D., Oklahoma State University, 1975.
- Tim Waters**.....Assistant Professor of Music  
B.M., Furman University, 1987; M.M.Ed., University of Georgia, 1990; D.M.A., University of Georgia, 1999.
- Mary Alice Trent-Williams**.....Associate Professor of English  
B.A., McNeese University, 1987; M.A., 1989; Ph.D., University of Southwestern Louisiana, 1995.
- Nina L. Tucker**.....Assistant Professor of Social Work  
B.S., San Diego State University, 1973; M.S.W., 1989.
- Donald R. Vance**.....Associate Professor of Biblical Languages and Literature  
B.A., Oral Roberts University, 1980; M.A., Institute of Holy Land Studies, Jerusalem, Israel, 1982; Ph.D., University of Denver and Cliff School of Theology, 1998.
- 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.
- Suzanne Vincent**.....Associate Professor of Biology  
B.A., University of California, 1970; M.A., San Francisco State University, 1975; Ph.D., University of Washington, 1982.
- Larry D. Walker**.....Professor of Psychology and Chair, Department of Behavioral Science  
B.A., Drury College, 1965; M.S., Memphis State University, 1967; Ph.D., Mississippi State University, 1970.
- Vicki Walker**.....Assistant Professor of Music  
B.M.E., Oral Roberts University, 1985; M.M., University of Oklahoma, 1988.
- Daniel V. Ward**.....Instructor of Computer Science and Mathematics  
B.S., Oklahoma College of Liberal Arts, 1971; B.S., Langston University, 1989; M.Ed., Southwestern State University, 1974.
- Edward Watson**.....Instructor of New Testament  
B.A., Southern Baptist College, 1987; M.A., Oral Roberts University, 1994; Th.M., Duke University Divinity School, 1996.
- Kenneth M. Weed**.....Associate Professor of Chemistry  
B.S., Oral Roberts University, 1986; M.A., San Diego State University, 1991; Ph.D., University of California, 1993.
- Teresa Williams**.....Assistant Professor of Mathematics  
B.S., Howard University, 1968; M.A., University of Wisconsin, 1978; Ph.D., University of Iowa, 1989.
- Daobin Zhang**.....Associate Professor of Engineering  
Dipl., Shenyang Polytechnic University, 1970; M.E., Katholieke Universiteit Leuven, 1986; Ph.D., 1990.
- Charles J. Zwick, Jr.**.....Assistant Professor of Communication Arts  
B.A., Oral Roberts University, 1971; M.A., Texas Tech University, 1979.

## Emeriti Faculty

*Dr. Evelyn Davis*, 1965-1980  
*Dr. LaVoy Hatchet*, 1965-1995  
*Dr. Hubert E. May*, 1967-1996  
*Sue Montgomery*, 1966-1985  
*Dr. Grant Moore*, 1970-1987  
*Dr. Ed Nelson*, 1968-1992  
*Dr. John Nelson*, 1971-2004  
*Dr. John E. Norvell, III*, 1976-1998  
*Dr. David Robbins*, 1968-2003  
*Dr. J. Franklin Sexton*, 1967-1999  
*Dr. Barbara Silvers*, 1968-2003  
*Dr. Verbal Snook*, 1965-1997  
*Dr. L. Duane Thurman*, 1967-1998  
*Dr. Grady Walker*, 1967-2004

## Learning Resources Faculty

*William W. Jernigan*.....Associate Professor and Dean  
 A.B., Trevecca Nazarene College, 1957; B.D., Nazarene Seminary, 1960; M.A., George Peabody College, 1961; Ed.D., University of Tulsa, 1972.  
*Myra Bloom*.....Instructor  
 Reference Librarian and Bibliographical Instruction  
 B.A., Oral Roberts University, 1995; M.A., University of Oklahoma, 1998; M.A., Oral Roberts University, 1998.  
*Even A. Culp*.....Professor of Communication Arts and Director of the MultiMedia Institute  
 B.S., Florida State University, 1974; M.S., 1975; Ed.D., University of Tulsa, 1987.  
*David Dorries*.....Associate Professor of Church History; Theological Librarian  
 B.A., Baylor University, 1971; M.A., Andover Newton Theological School, 1974; Ph.D., University of Aberdeen, 1988.  
*Donald R. Eland*.....Assistant Professor of Communication Arts/New Media and Senior MultiMedia Producer  
 B.A., Oral Roberts University, 1975; M.A., University of Tulsa, 1976.  
*Dana L. Higeons*.....Instructor and Head Cataloger/Library Technical and Computer Services  
 B.A., Phillips University, 1979; M.L.I.S., University of Oklahoma, 1992.  
*Jane Malcolm*.....Instructor and Reference Librarian  
 B.A., Oral Roberts University, 1978; M.L.I.S., Emporia State University, 1979.  
*Peggy Pixley*.....Instructor and Public Services/Head Reference Librarian  
 B.A., Evangel College, 1967; M.L.I.S., University of Oklahoma, 1991.  
*Judith Rigsby*.....Instructor and Acquisitions/ Internet Librarian  
 B.A., Western State College of Colorado, 1968; M.L.I.S., University of Oklahoma, 1994.  
*Mark Roberts*.....Assistant Professor and Director of Holy Spirit Research Center  
 B.A., Mississippi College, 1982; B.A., Ohio State University, 1984; M.A., Vanderbilt University, 1995; Ph.D., Vanderbilt, 2002.  
*Sally Jo Shelton*.....Instructor and Library Information/Faculty Facilitator  
 B.A., Oral Roberts University, 1971; M.L.I.S., University of Oklahoma, 1995; M.A., Oral Roberts University, 2004.

# ART DEPARTMENT

Stuart Branston, M.F.A., *Chair*

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

The bachelor of arts degree is offered in art education, graphic design (print concentration), and studio art. The bachelor of science degree is offered in graphic design (both print and video concentrations). Students electing the studio art program have four major areas of concentration from which to choose: painting, ceramics, sculpture, and printmaking. Also offered is an art minor of 18 semester hours.

The art student choosing to major in graphic design with a video concentration will have a comprehensive major covering the following areas: graphic design, marketing, mass media communication, scenic design, and computer graphics. This major prepares students to go into the field of design in the video arena.

## Preprofessional Programs in Art

The Art Department offers two preprofessional programs: Art Therapy and Biomedical Illustration. Students planning to enter graduate school in art therapy are advised to complete a four-year major in studio art or art education with a minor in psychology. Students planning to enter graduate school in biomedical illustration are advised to complete a four-year major in graphic design with a minor in biology.

These preprofessional programs at ORU start the student with a general set of courses based on the admission requirements of several representative schools in that field. However, since some of these schools have unique preparatory requirements, students are advised to obtain a catalog from the school to which they plan to apply in order to determine the exact admission requirements.

## GRAPHIC DESIGN PRINT MAJOR (GRP)

*Bachelor of Science*

General Education	Credit Hours
ePortfolio (Gen 099)	0
English (ENG 101, 305)	6
Oral Communication (COM 101)	3
Humanities (HUM 111, 112, 213, 214)	12
(ART 307 may be substituted for HUM 214.)	
Biblical Literature (BLIT 110, 120)	6
Theology (THE 103)	3
Laboratory Science	8
Mathematics (MAT 151)	3
American History (HIS 101)	3
American Government (GOV 101)	3
Social Sciences Elective (Choice of one of the following: PSY 201, MUS 208,	3

SWK 202, SOC 101, SOC 201, SOC 323, BUS 201, FIN 244)  
 Health, Physical Education, and Recreation (Health Fitness I and II, swimming course or proficiency, six electives) 5

**General Education Total** 55

### Core Courses

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

**Core Total** 21

### Major

ART 203	Painting I	3
ART 204	Printmaking I	3
ART 218	Graphic Design I	3
ART 318	Graphic Design II	3
ART 331	Illustration	3
ART 353	Practicum Infield Study I	3
ART 363	Black and white Photography	3
ART 440	Computer Graphics DTP	3
ART 450	Computer Graphics DTV	3
ART 453	Practicum Infield Study II	10
ART 499	Senior Project	3

**Major Total** 40

**Electives Total** 12

**Degree Total** 128

## GRAPHIC DESIGN VIDEO MAJOR (GRV)

*Bachelor of Science*

General Education	Credit Hours
ePortfolio (Gen 099)	0
English (ENG 101, 305)	6
Oral Communication (COM 101)	3
Humanities (HUM 111, 112, 213, 214)	12
(ART 307 may be substituted for HUM 214.)	
Biblical Literature (BLIT 110, 120)	6
Theology (THE 103)	3
Laboratory Science	8
Mathematics (MAT 151)	3
American History (HIS 101)	3
American Government (GOV 101)	3
Social Sciences Elective (Choice of one of the following: PSY 201, MUS 208, SWK 202, SOC 101, SOC 201, SOC 323, BUS 201, FIN 244)	3
Health, Physical Education, and Recreation (Health Fitness I and II, swimming course or proficiency, six electives)	5

**General Education Total** 55

### Core Courses

ART 101	Fundamentals of Art I	3
ART 102	Fundamentals of Art II	3
ART 103	Art History Survey I	3
ART 104	Art History Survey II	3
ART 105	Color	3

ART 213	Drawing	3
ART 214	Figure Drawing	3
<b>Core Total</b>		<b>21</b>
<b>Major</b>		
ART 218	Graphic Design I	3
ART 318	Graphic Design II	3
ART 331	Illustration	3
ART 353	Practicum Infield Study I	3
ART 363	Black and White Photography	3
ART 440	Computer Graphics DTP	3
ART 450	Computer Graphics DTV	3
ART 453	Practicum Infield Study II	10
ART 499	Senior Project	3
<b>Major Total</b>		<b>34</b>
<b>Cognate</b>		
COM 216	Introduction to Technical Production	3
COM 404	Theatrical Scene Design	3
MMC 104	Foundations in Mass Media Communication	3
MMC 221	Advertisement and Marketing in Telecommunication	3
MMC 228	Introduction to Television Production	3
<b>Cognate Total</b>		<b>15</b>
<b>Electives Total</b>		<b>3</b>
<b>Degree Total</b>		<b>128</b>

ART 214	Figure Drawing	3
<b>Core Total</b>		<b>21</b>
<b>Major</b>		
ART 201	Ceramics I	3
ART 202	Sculpture I	3
ART 203	Painting I	3
ART 204	Printmaking I	3
ART 452	Directed Study*	6
ART 499	Senior Project	3
<i>Choice of three of the following courses:</i>		<b>9</b>
ART 301	Ceramics II	3
ART 302	Sculpture II	3
ART 303	Painting II	3
ART 304	Printmaking II	3
ART 307	Art History Survey III	3
ART 363	Black and White Photography	3
<b>Major Total</b>		<b>30</b>
<i>*Identical disciplines (same section number) are required for both directed study courses.</i>		
<b>Cognate</b>		
<i>Choice of one of the following courses:</i>		<b>3</b>
MMC 221	Advertisement and Marketing in Telecommunication	3
MGT 421	Entrepreneurship	3
<b>Cognate Total</b>		<b>3</b>
<b>Electives Total</b>		<b>13</b>
<b>Degree Total</b>		<b>128</b>

subject/content area. Students interested in completing course work toward additional licensing should consult the subject area advisor.

<b>General Education</b>	<b>Credit Hours</b>
ePortfolio (Gen 099)	0
English (ENG 101, 305)	6
Foreign Language (2 semesters including 203)	6
Oral Communication (COM 101)	3
Social Sciences (SOC 323)	3
Humanities (HUM 111, 112, 213)	9
Biblical Literature (BLIT 110, 120)	6
Theology (THE 103)	3
Physical Science (lecture and lab)	4
Biological Science (lecture and lab)	4
Mathematics (MAT 151)	3
American History (HIS 101)	3
American Government (GOV 101)	3
Health, Physical Education, and Recreation (Health Fitness I and II, Basic First Aid/CPR, swimming course or proficiency, five electives)	5

**General Education Total** 58

<b>Major</b>	<b>Credit Hours</b>	
ART 101	Fundamentals of Art I	3
ART 102	Fundamentals Art II	3
ART 105	Color	3
ART 201	Ceramics I	3
ART 203	Painting I	3
ART 204	Printmaking I	3
ART 213	Drawing	3
ART 214	Figure Drawing	3
ART 223	Crafts	3
ART 307	Art History Survey III	3
ART 333	Watercolor	3

**Major Total** 33

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

<b>Professional Education</b>	<b>Credit Hours</b>	
PED 100	Education Seminar (every semester)	0
<i>Choice of one of the following two field experiences:</i>		
PED 111	Field-Based Experience/ Practicum (Elementary)	3
PED 121	Field-Based Experience/ Practicum (Secondary)	3
PED 203	Foundations and Methods of Education	3
PED 222	School Health Care	1
PED 313	Human Growth and Development	3
PED 361	Professional Education Seminar/ Portfolio	1
PED 363	Educational Technology	3
PED 372	Classroom Management and Educational Law	3
PED 475	Student Teaching: Elementary	5
PED 495	Intern/Student Teaching: 10-12	5
ART 456	Secondary Art Methods and Evaluation	3
ART 462	Elementary Art Methods and Evaluation	3
ESL 303	TESL Principles	3
SED 353	Introduction to Special Education Mild-Moderate Disabilities	3

**Professional Education Total** 37

**Degree Total** 128

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

Bachelor of Arts

<b>General Education</b>	<b>Credit Hours</b>
ePortfolio (Gen 099)	0
English (ENG 101, 305)	6
Foreign Language (2 semesters including 203, French or German recommended)	6
Oral Communication (COM 101)	3
Humanities (HUM 111, 112, 213, 214) (ART 307 may be substituted for HUM 214.)	12
Biblical Literature (BLIT 110, 120)	6
Theology (THE 103)	3
Laboratory Science	8
Mathematics (MAT 151)	3
American History (HIS 101)	3
Government (GOV 101)	3
Social Sciences Elective (Choice of one of the following: PSY 201, MUS 208, SWK 202, SOC 101, SOC 201, SOC 323, BUS 201, FIN 244)	3
Health, Physical Education, and Recreation (Health Fitness I and II, swimming course or proficiency, six electives)	5
<b>General Education Total</b>	<b>61</b>

<b>Core Courses</b>	<b>Credit Hours</b>	
ART 101	Fundamentals of Art I	3
ART 102	Fundamentals of Art II	3
ART 103	Art History Survey I	3
ART 104	Art History Survey II	3
ART 105	Color	3
ART 213	Drawing	3

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

### Bachelor of Arts

Students seeking licensure to teach at the K-12 levels have two options: completion of the art education major leading to standard certification or completion of any other major in the Art Department leading to alternative certification. Students seeking alternative certification are encouraged, but not required, to pursue an education minor. One class at the graduate level is required for alternative certification in the state of Oklahoma; however, it is not required for graduation. Students seeking alternative certification need to check with the State Department of Education from any state in which they plan to teach in order to ensure they meet specific requirements for that state's alternative certification. Students interested in a teaching license should work closely with the advisor in the major department.

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

Students may earn licensure in a second subject/content area. The Oklahoma Commission for Teacher Preparation requires the OSAT/OPTe test(s) be passed in order to obtain a license in an additional

## Art Minor (ART)

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

Choice of one of the following two courses:	3
ART 101 Fundamentals of Art I	
ART 102 Fundamentals of Art II	
Choice of one of the following three courses:	3
ART 103 Art History Survey I	
ART 104 Art History Survey II	
ART 307 Art History Survey III	
Choice of four of the following courses:	12
ART 105 Color	
ART 201 Ceramics I	
ART 202 Sculpture I	
ART 203 Painting I	
ART 204 Printmaking I	
ART 213 Drawing	
ART 214 Figure Drawing	
ART 218 Graphic Design I	
ART 223 Crafts	
ART 301 Ceramics II	
ART 302 Sculpture II	
ART 303 Painting II	
ART 304 Printmaking II	
ART 318 Graphic Design II	
ART 331 Illustration	
ART 363 Black and White Photography	
ART 440 Computer Graphics (DTP)	
ART 450 Computer Graphics (DTV)	
ART 452 Directed Study	

**Minor Total** 18

## Awards

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

**Outstanding Art Student of the Year in the following areas:** art education, graphic design (print), graphic design (video), and studio art.

**Warren and Eileen Straton Memorial Scholarship**—awarded to a sophomore or junior in art education, graphic design, or studio art.

**Charles Ramsey Sr. Memorial Scholarship**—awarded to a sophomore or junior art major.

## Course Offerings

Descriptions of the courses listed below are in the section titled Course Descriptions at the end of this catalog. Course descriptions are listed in alphabetical order by the prefix:

### ART

ART 101	Fundamentals of Art I
ART 102	Fundamentals of Art II
ART 103	Art History Survey I
ART 104	Art History Survey II
ART 105	Color
ART 201	Ceramics I
ART 202	Sculpture I
ART 203	Painting I
ART 204	Printmaking I
ART 213	Drawing
ART 214	Figure Drawing
ART 218	Graphic Design I

ART 223	Crafts
ART 301	Ceramics II
ART 302	Sculpture II
ART 303	Painting II
ART 304	Printmaking II
ART 307	Art History Survey III
ART 318	Graphic Design II
ART 331	Illustration
ART 333	Watercolor
ART 353	Practicum Infield Study I
ART 363	Black and White Photography
ART 440	Computer Graphics (DTP)
ART 450	Computer Graphics (DTV)
ART 452	Directed Study
ART 453	Practicum Infield Study II
ART 456	Secondary Art Methods and Evaluation
ART 462	Elementary Art Methods and Evaluation
ART 499	Senior Project

## BEHAVIORAL SCIENCES DEPARTMENT

Larry D. Walker, Ph.D., *Chair*

The Department of Behavioral Sciences offers programs of major study in the disciplines of psychology and social work (a student can major in either area) and a program of minor study in the disciplines of sociology and psychology. A specific goal of all three programs is to equip students to compete academically with any comparably educated student from any American college or university. This goal is reached, however, by teaching psychology, social work, and sociology from a distinctly Christian frame of reference. All regularly contracted professors must be Spirit-filled Christians. The department's official position is that to know something (i.e., a theory, system of beliefs, etc.) is not necessarily to adopt that knowledge as part of one's own value system. A lack of knowledge preempts one's right to challenge, refute, or otherwise deny any belief system with which one claims to disagree. Therefore, the department is committed to equip students to be knowledgeable as defined by the three professions while providing a strong Christian framework with which to evaluate theories, techniques, and beliefs. This allows the department to graduate students who are academically informed, yet Biblically sound.

## PSYCHOLOGY MAJOR (PSY)

*Bachelor of Arts*

Courses in psychology are designed to give an empirical approach to the study of human behavior, a knowledge of psychological principles, and an acquaintance with contemporary problems.

The major is tailored to prepare the student for graduate work in any of the variety of areas within which professional psychologists function. The professional areas include, but are not limited to, the more popular areas of clinical psychology, counseling psychology, and biological psychology. The psychology major program also seeks to assist its students to better understand themselves and others with whom they

interact. For this reason, the major is an excellent choice for students eventually planning to be ministers or to work in almost any field.

All psychology majors must take PSY 401 during the spring semester of their junior year and PSY 499 during the fall semester of the senior year.

General Education	Credit Hours
ePortfolio (Gen 099)	0
English (ENG 101, 305)	6
Foreign Language (2 semesters including 203)	6
Oral Communication (COM 101)	3
Humanities (HUM 111, 112, 213, 214)	12
Biblical Literature (BLIT 110, 120)	6
Theology (THE 103)	3
Laboratory Science	8
Mathematics (MAT 232)	3
American History (HIS 101)	3
Government (GOV 101)	3
Social Sciences Elective (Choice of one of the following: MUS 208, SWK 202, SOC 101, SOC 201, SOC 323, BUS 201, FIN 244)	3
Health, Physical Education, and Recreation (Health Fitness I and II, swimming course or proficiency, six electives)	5

**General Education Total** 61

### Major

PSY 201	Introduction to Psychology	3
PSY 305	Physiological Psychology	3
PSY 322	Psychology of Learning and Motivation	3
PSY 354	History and Systems of Psychology	3
PSY 401	Experimental Psychology	2
PSY 401	Experimental Psychology Laboratory	1
PSY 499	Senior Paper	3
PSY	Electives	12

**Major Total** 30

**Minor** 18

**Electives** 19

**Degree Total** 128

## SOCIAL WORK MAJOR (SWK)

*Bachelor of Social Work*

The social work program is a professional degree program accredited by the Council on Social Work Education (CSWE). This means that it is recognized nationally as meeting the necessary requirements for preparing graduates to enter beginning social work practice in a variety of settings as generalist social workers.

The mission of the Social Work Program is to prepare students with a strong Christian grounding to enter entry-level social work practice, in a variety of social work settings, on the baccalaureate (BSW) level and prepare for pursuit of graduate education in social work (MSW).

The goals of the program are to develop students grounded in the Christian faith who are prepared academically and with practice skills for entry-level professional social work practice, in a variety of settings, as generalist social workers; who meet entry qualifications for graduate social work education and who are qualified to apply for licensure on the baccalaureate level in states with licensure laws.

The program's objectives prepare students to do the following:

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

<b>General Education</b>	<b>Credit Hours</b>
ePortfolio (Gen 099)	0
English (ENG 101, 305)	6
Foreign Language (2 semesters including 203 level, Spanish recommended)	6
Oral Communication (COM 101)	3
Humanities (HUM 111, 112, 213, 214)	12
Biblical Literature (BLIT 110, 120)	6
Theology (THE 103)	3
Laboratory Science (including BIO 101)	8
Mathematics (MAT 232)*	3
American History (HIS 101)	3
American Government (GOV 101)	3
Business (BUS 201)	3
Health, Physical Education, and Recreation (Health Fitness I and II, swimming course or proficiency, six electives)	5
<b>General Education Total</b>	<b>61</b>

<b>Major*</b>	
SWK 202 Introduction to Social Work	3
SWK 302 Research Methods	3
SWK 303 Social Welfare Policy	3
SWK 309 Human Behavior in the Social Environment I	3
SWK 310 Human Behavior in the Social Environment II	3
SWK 331 Social Work Practice I	3
SWK 332 Social Work Practice II	3

SWK 333 Social Work Practice III	3
SWK 341 Junior Practicum I	2
SWK 342 Junior Practicum II	2
SWK 404 Social Work Practice IV	2
SWK 405 Senior Seminar	2
SWK 420 Minority Group Relations	3
SWK 443 Senior Practicum I	6
SWK 444 Senior Practicum II	6
SWK 499 Senior Research Paper	3

**Major Total** 50

<b>Cognate*</b>	
SOC 101 Introduction to Sociology	3
PSY 201 Introduction of Psychology	3
PSY/SOC/SWK Electives**	3

**Cognate Total** 9  
**Electives** 8

**Degree Total** 128

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

\*\*Note: SWK 381 is required for IV-E students.

## Social Work Program Policies

The social work program at Oral Roberts University is a professional degree program accredited by the Council on Social Work Education (CSWE). The following information presents policies and procedures of the program. These policies; the degree plan sheet; the program's mission, goals, and objectives; and a copy of the Curriculum Policy Statement of the Council on Social Work Education are provided to all students.

### Application Procedure

Students wanting to be admitted to the social work program need to do the following:

1. Complete SWK 202 Introduction to Social Work.
2. Submit a completed application form to the program director.
3. Be interviewed by a faculty member in the program.
4. Have a current accumulative GPA of at least 2.0.
5. Sign a statement to follow the National Association of Social Workers (NASW) Code of Ethics.

A committee made up of social work faculty determines admission into the program. Once admitted to the program, students are assigned a faculty member to provide advisement throughout their social work education at ORU.

### Transfer of Credit Policy

The social work program treats transfer credit on a case-by-case basis. Course and/or practicum credit is not given for life or work experience. Credit is given for comparable practice and foundation courses being transferred from other CSWE accredited schools. Courses being considered for transfer from schools not accredited by the Council will be examined individually, in which case the student needs to produce catalog and other information describing the course(s) in question (e.g., texts, syllabi, etc.). SWK 405 Senior Practicum must be taken at ORU and cannot be transferred from another institution.

### Continuation in the Program

Continuation in the program is based on the student's maintenance of the 2.25 GPA average in social

work courses and ethical conduct necessary for professional social work practice. Courses taken in the program must have a grade of "C" or better to be counted for social work credit. These courses include all major and cognate courses plus BIO 101, MAT 232, and BUS 201 from general education. If the student's performance falls below the standards for program continuation, probation or termination procedures may be considered. However, every effort is made to work with a student in this condition by providing advisement, referral for remedial assistance, and/or referral for medical or mental health treatment if appropriate.

### Termination Policy

In the event a student needs to be terminated from the social work professional program, the following steps are taken:

1. The program faculty meet together to discuss the student in question.
2. The student is brought before the faculty or faculty designee (appointed by the director) to discuss concerns and devise a plan for remediation.
3. Progress is carefully monitored.
4. If the remediation efforts prove unsuccessful, the student is considered for termination. A majority of the faculty must agree that the student should be terminated.
5. If termination is decided, the director informs the student of the termination and appoints a faculty member in the program to provide advisement and referral for seeking an alternative academic major.
6. The student may appeal the decision to terminate to the chair of the Behavioral Sciences Department and to the Dean of the School of Arts and Sciences, if desired.

Confidential written documentation is kept on all proceedings of termination. Conditions that may initiate termination proceedings include such behaviors as unethical conduct, unsatisfactory academic performance, inability to work with clients, colleagues, supervisors, and general failure to adhere to professional expectations and standards of the social work profession.

The termination process is initiated only after a reasonable effort has been made to assist the student with gaining access to relevant resources (e.g., medical care, counseling) to help resolve personal issues. In event that a student is terminated from the social work program, assistance is provided to seek another academic major so as to graduate in a timely manner.

### Student Rights and Responsibilities

1. Students have the right to be treated in all aspects of the Social Work Program without discrimination on the basis of age, color, disability, ethnicity, gender, national origin, race or religion.
2. Students have the right to form their own organization.
3. Students have the right to express grievances and make appeal within the social work program.
4. Students have the responsibility to pursue excellence in their academic and social work career development.
5. Students have the responsibility to act ethically and follow the NASW Code of Ethics and the Honor Code Pledge of the University.
6. Students have the responsibility to behave professionally, as beginning social workers would.
7. Students have the right and responsibility to provide input into evaluating and planning social work program policies and curriculum.

## Student Grievance Procedures

In matters of student grievance in the program, the following procedures are followed:

1. If the grievance pertains to a grade the student received in a course, the student should complete the Petition for Grade Change and the Petition for Policy Exception (available from the Behavioral Sciences Department or the Registrar) stating reasons for the requested change. These two forms should be signed by the individual faculty member, social work program director, and chair of the Behavioral Sciences Department. In the event the faculty member does not change the grade, the student may present the case to the program director and, if necessary, to the Behavioral Sciences chair and the dean of the School of Arts and Sciences. The dean's ruling is final.
2. In situations where there is conflict with a faculty member and/or advisor, the student may present the complaint to the program director for a hearing or mediation. The program director may change the advisor assigned to the student if the change is warranted. If the student has a complaint against the program director, a hearing may be requested with the department chair.

## Social Work Articulation Agreement

A student completing the Associate of Science degree in Human Services from Tulsa Community College (TCC) satisfies most general education as well as lower level social work curriculum prerequisites for entering the ORU Social Work Program. It is possible for students to complete the A.S. in Human Services from TCC within a two-year period and complete the B.S.W. degree at ORU within approximately two and a half more years. Graduates from the ORU Social Work Program are then eligible for the one year Advanced Standing Social Work Program at the University of Oklahoma Graduate School of Social Work.

## Psychology Minor (PSY)

PSY 201	Principles of Psychology	3
PSY	Electives	15

**Minor Total** 18

## Sociology Minor (SOC)

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

A minor in sociology should assist any student, regardless of the major program, to a better understanding of social interaction within group settings. Because most facets of American society involve frequent interaction of persons within groups, the sociology minor would seem a logical choice to complement any major program offered by Oral Roberts University. Many graduate programs in sociology do not specify an undergraduate major as a requirement for admission; therefore, a minor in sociology, with a proper selection of courses, should prepare the aspiring professional sociologist for admission to most graduate programs.

SOC 101	Introduction to Sociology	3
SOC	Electives	15

**Minor Total** 18

## Awards

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

**Outstanding Psychology Major Senior Award:** This recognizes the department's most worthy graduating senior.

**Outstanding Social Work Major Senior Award:** This recognizes the department's most worthy graduating senior.

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

**Outstanding Social Work Senior Paper:** This recognizes the department's best senior research project.

## Course Offerings

Descriptions of the courses listed below are in the section titled Course Descriptions at the end of this catalog. Course descriptions are listed in alphabetical order by the prefix.

### Psychology

PSY 201	Introduction to Psychology
PSY 212	Social Psychology
PSY 250	Behavior Management
PSY 301	Developmental Psychology
PSY 305	Physiological Psychology
PSY 321	Psychology of Personality Development
PSY 322	Psychology of Learning and Motivation
PSY 323	Psychological Measurement
PSY 324	Cognitive Psychology
PSY 338	Psychology of Abnormal Behavior
PSY 354	History and Systems of Psychology
PSY 401	Experimental Psychology
PSY 401	Experimental Psychology Laboratory
PSY 411	Counseling Psychology I
PSY 412	Counseling Psychology II
PSY 423	Advanced Psychology Seminar
PSY 450	Directed Studies
PSY 451	Senior Internship
PSY 461	Honors Research
PSY 499	Senior Paper

### Sociology

SOC 101	Introduction to Sociology
SOC 201	Marriage and the Family
SOC 212	Social Psychology
SOC 300	Group Dynamics
SOC 301	Urban Sociology
SOC 302	Research Methods
SOC 308	Cultural Anthropology
SOC 314	Social Problems
SOC 323	Child and Family in the Social Context
SOC 326	Social Organization
SOC 329	Social Deviancy and Social Control
SOC 330	Contemporary Issues in Sociology
SOC 420	Minority Group Relations
SOC 450	Directed Studies
SOC 461	Honors Research

### Social Work

SWK 202	Introduction to Social Work
SWK 302	Research Methods
SWK 303	Social Welfare Policy
SWK 309	Human Behavior in the Social Environment I
SWK 310	Human Behavior in the Social Environment II
SWK 331	Social Work Practice I

SWK 332	Social Work Practice II
SWK 333	Social Work Practice III
SWK 341	Junior Practicum I
SWK 342	Junior Practicum II
SWK 380	Aging Processes
SWK 381	Child Welfare
SWK 382	Social Services in Health Care
SWK 383	Family Dynamics
SWK 404	Social Work Practice IV
SWK 405	Senior Seminar
SWK 420	Minority Group Relations
SWK 443	Senior Practicum I
SWK 444	Senior Practicum II
SWK 450	Directed Studies
SWK 461	Honors Research
SWK 499	Senior Research Paper

# BIOLOGY DEPARTMENT

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

Biology is the study of life at every level from the subcellular to the biosphere, and this wide range is reflected in the course offerings. We must learn to understand and live in harmony with our world in order to maintain a quality of life for ourselves and our children. The alarm against the continued misuse of our environment is being sounded more strongly than ever, and we believe that it is our Christian duty to respond. Our purpose is to prepare students to understand, interact with, and respond positively to those challenges that affect human beings and their natural world, while at the same time acknowledging and being directed by the Spirit.

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

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

The biology program is designed to meet the needs of students who desire (1) to acquire a cultural background in the life sciences, (2) to pursue graduate work in biology, (3) to train for work in industry and government, (4) to prepare for professional training in the health sciences, and (5) to prepare for a teaching major or minor in secondary education.

## Preprofessional Training in the Health Sciences

Admission to medical, dental, and most other health profession schools in the United States is very selective. Only students with excellent grades and admission test scores, knowledge of their health profession, and in most cases, health care experience are being admitted. Personal qualities and commitment are also important.

ORU offers a biology major with concentrations in both premedicine and other health professions. In addition, students seeking to attend dental or veterinary school or obtain dental hygiene credentials are offered

assistance with choosing courses appropriate for their plans. Proper advisement is necessary to adequately prepare the health preprofessional student for admission to professional school. Whether students are making an initial career decision or are changing their career goals, the Counseling Center and Placement Office and the Health Professions Advisor give personal help in selecting an appropriate career. The Health Professions Advisor can provide a comprehensive advisement program that includes academic advisement, health career literature, guest speakers, information on admissions tests, medical and dental school application procedures, and a library of special reference publications, such as *Medical School Admissions Requirements and Admissions Requirements of U.S. and Canadian Dental Schools*.

Premedical and pre dental students should follow their own interests and aptitudes in selecting one of several recognized majors, such as biology, chemistry, biomedical engineering, psychology, or health and exercise science as a preprofessional route. The Biology Department can provide information about recommended courses and admissions requirements to various professional schools. All of these preprofessional programs provide a balanced liberal arts education with strengths both in science and humanities. Any major can be adapted to the premedical or pre dental program by including the following courses: (1) MAT 114 or 201, (2) BIO 111 and 112 lecture and lab, (3) CHE 111 and 112 lecture and lab, (4) CHE 211 and 212 lecture and lab, and (5) PHY 101 and 102 lecture and lab or PHY 111 and 112 lecture and lab. These courses are required by both medical and dental schools and should adequately prepare the student for taking the MCAT or DAT exams. Highly qualified students may be admitted to medical school after three years of undergraduate training.

All preprofessional programs at ORU start the student with a general set of courses based on the admission requirements of several representative schools in that field. However, since some of these schools have unique preparatory requirements, students are advised to obtain a catalog from each school to which they plan to apply in order to determine the exact requirements. This will allow the inclusion of the appropriate courses in the student's program and, if ORU is unable to offer all of the necessary requirements, will help to determine when the student should transfer from ORU to the appropriate school to obtain these courses.

## Premedicine

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

## Pre dentistry

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

## Preveterinary Medicine

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

year, any specific requirements of the desired school of veterinary medicine should be determined and scheduled for the junior and senior years.

## Predental Hygiene

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

## Health Professions

ORU offers assistance in degree planning for students planning to enter schools of pharmacy, occupational therapy, physical therapy, optometry, medical technology, or physician assistant. Most of these programs now require students to have an undergraduate degree before entering the program. However, some well-qualified students who have taken all the prerequisites may enter some programs after the third year of undergraduate study. Most schools require a general education program that includes courses in introductory biology, general chemistry, human anatomy, and human physiology. Unlike medical schools, requirements and prerequisites for allied health careers vary among programs and schools. Anyone planning a career in one of these fields should consult the health professions advisor to develop a specific undergraduate curriculum to successfully meet their goal.

## Physical Therapy Articulation Agreement

ORU has the following articulation agreement with Southwest Baptist University (SBU). A student who completes a baccalaureate degree in any major at ORU and the requirements for admission to the Doctor of Physical Therapy Program at Southwest Baptist University as listed here will automatically receive preference and be eligible for the admission process.

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

## BIOLOGY MAJOR (BIO)

### Bachelor of Science

General Education	Credit Hours
ePortfolio (Gen 099)	0
English (ENG 101, 305)	6
Oral Communication (COM 101)	3
Humanities (HUM 111, 112, 213, 214)	12
Biblical Literature (BLIT 110, 120)	6
Theology (THE 103)	3
Physics (101 and 102 or 111 and 112)	8
Mathematics (MAT 332)	3
American History (HIS 101)	3
American Government (GOV 101)	3

Social Sciences Elective (Choice of one of the following: PSY 201, SOC 201, FIN 244)	3
Health, Physical Education, and Recreation (Health Fitness I and II, swimming course or proficiency, six electives)	5

**General Education Total** 55

### Major

BIO 111	Introductory Biology I Lecture	3
BIO 111	Introductory Biology I Laboratory	1
BIO 112	Introductory Biology II Lecture	3
BIO 112	Introductory Biology II Laboratory	1
BIO 371	Introduction to Biological Research I	1
BIO 372	Introduction to Biological Research II	1
BIO 451	Biology Seminar	1
BIO 456	Bioethics	2
BIO 499	Research and Senior Paper	3
BIO	Field course (lecture and lab)	4
	<i>Choice of three of the following courses:**</i>	12
BIO 310	Microbiology (lecture and lab)	
BIO 311	Genetics (lecture and lab)	
BIO 312	Ecology (lecture and lab)	
BIO 411	Molecular Cell Biology (lecture and lab)	
BIO 421	General and Comparative Physiology (lecture and lab)	
BIO 431	Developmental Biology (lecture and lab)	
BIO 454	Special Topics (must be a lecture and lab; maximum one course)	
BIO 457	Principles of Immunology (lecture and lab)	
BIO 458	Marine Ecology (lecture and lab)	
AUS 217	Field Geology*	
AUS 301	Land Resources*	
AUS 302	Limnology*	
AUS 303	Ecological Agriculture*	
AUS 304	Global Development and Ecological Sustainability*	
AUS 311	Field Botany*	
AUS 312	Insect Biology and Ecology*	
AUS 322	Aquatic Biology*	
AUS 342	Fish Biology and Ecology*	
AUS 359	Marine Mammals*	
AUS 377	Marine Invertebrates*	
AUS 471	Conservation Biology*	
AUS 477	Plant Ecology*	
AUS 482	Restoration Ecology*	

**Major Total** 32

\*Courses with an AUS prefix are offered only at the Au Sable Institute in Michigan, Washington, or other off-campus locations.

\*\*Students choosing an environmental concentration must choose from BIO 312 or BIO 458 and one of the AUS courses offered only at the Au Sable Institute.

### Cognate

CHE 111	General Chemistry I Lecture	3
CHE 111	General Chemistry I Laboratory	1
CHE 112	General Chemistry II Lecture	3
CHE 112	General Chemistry II Laboratory	1
CHE 211	Organic Chemistry I Lecture	3
CHE 211	Organic Chemistry I Laboratory	1
CHE 212	Organic Chemistry II Lecture	3
CHE 212	Organic Chemistry II Laboratory	1
	<i>Choice of one of the following courses:</i>	3-4
MAT 114	Mathematical Analysis (3 hrs.)	
MAT 201	Calculus I (4 hrs.)	

**Cognate Total** 19-20

<b>Electives*</b>	21-22
<b>Degree Total</b>	128

\*Recommended electives include MAT 201, 202; CHE 300, 400, 454, 457, PHS 223, 224, BIO 200 and any upper-division biology course. Alternatively, students may choose to use their elective hours to complete a chemistry minor (20 hours). One or two years of foreign language should be included by students who plan to pursue an advanced degree in biology.

#### ■ Premedicine Concentration (PMD)

It is recommended that students wanting a pre-medicine designation on their transcripts narrow their studies by taking the following recommended courses as part of their major or electives:

BIO 310	Microbiology (lecture and lab)
BIO 311	Genetics (lecture and lab)
BIO 411	Molecular Cell Biology (lecture and lab)

<b>Electives*</b>	21-22
<b>Degree Total</b>	128

\*Recommended electives include MAT 201, 202; CHE 300, 400, 454, 457, PHS 223, 224, BIO 200 and any upper-division biology course. Alternatively, students may choose to use their elective hours to complete a chemistry minor (20 hours).

#### ■ Health Professions Concentration (HP)

Students desiring to prepare for health professions such as optometry, medical technology, physician assistant, physical therapy, or occupational therapy need to add the following concentration in place of eight hours of electives.

PHS 223	Human Anatomy (lecture and lab)	4
PHS 224	Human Physiology (lecture and lab)	4

<b>Health Professions Concentration Total</b>	8
<b>Electives*</b>	13-14

<b>Degree Total</b>	128
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\*Recommended electives include MAT 201, 202; CHE 300, 400, 454, 457, PHS 223, 224, BIO 200 and any upper-division biology course. Alternatively, students may choose to use their elective hours to complete a chemistry minor (20 hours).

#### ■ Environmental Concentration (ENV)

Students interested in preparing for work in environmental areas may minor in environmental studies (offered through the Engineering/Physics Department) or major in biology with an environmental concentration.

The Au Sable Institute, located in northern Michigan, offers environmental courses for students from ORU and other participating colleges of the Council for Christian Colleges and Universities. Au Sable has satellite campuses in western Washington, Chesapeake Bay, Africa, and India. Courses are designed to prepare students for work or further study in environmental endeavors. Any ORU student who meets the course prerequisites may take these courses. Au Sable has awarded some scholarship money for ORU students to support student involvement in their program. The Biology Department has more information.

EVR 250	Environmental Science (lecture and lab)	4
EVR 450	Current Global Issues	3

<i>Choice of one of the following courses:</i>		3-4
CHE 300	Quantitative Analysis (lecture and lab) (4 hrs.)	
CHE 400	Chemical Instrumentation (lecture and lab) (4 hrs.)	
CHE 474	Environmental Analysis (3 hrs.)	
AUS 332	Environmental Chemistry (3 hrs.)*	

<b>Environmental Concentration Total</b>	10-11
<b>Electives**</b>	10-12

<b>Degree Total</b>	128
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\*Courses with an AUS prefix are offered only at the Au Sable Institute in Michigan.

\*\*Recommended electives include MAT 201, 202; CHE 300, 400, 454, 457, PHS 223, 224, BIO 200 and any upper-division biology course. Alternatively, students may choose to use their elective hours to complete a chemistry minor (20 hours).

## SCIENCE EDUCATION MAJOR (SCED) with Secondary School Teaching Licensure

### Bachelor of Science

Students seeking licensure to teach at the secondary levels have two options: (1) completion of the science education major, which leads to standard certification or (2) completion of any other major in the Biology, Chemistry, or Engineering/Physics Departments, which can lead to alternative certification. Students seeking alternative certification are encouraged, but not required, to pursue an education minor. One class at the graduate level is required for alternative certification in the state of Oklahoma; however, it is not required for graduation. Students seeking alternative certification need to check with the State Department of Education from any state in which they plan to teach in order to ensure they meet specific requirements for that state's alternative certification. Students interested in a teaching license should work closely with the advisor in the major department.

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

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

<b>General Education</b>	<b>Credit Hours</b>
ePortfolio (Gen 099)	0
English (ENG 101, 305)	6
Oral Communication (COM 101)	3
Humanities (HUM 111, 112, 213, 214)	12
Biblical Literature (BLIT 110, 120)	6
Theology (THE 103)	3
BIO 111 (lecture and lab)	4

CHE 111 (lecture and lab)	4
Mathematics (MAT 113)	3
American History (HIS 101)	3
American Government (GOV 101)	3
Foreign Language Proficiency PRF 001 (exam or 102 level of a foreign language class)	0
Social Sciences Elective (Choice of one of the following: PSY 201, SOC 201, SOC 323, FIN 244)	3
Health, Physical Education, and Recreation (Health Fitness I and II, Basic First Aid/CPR, swimming course or proficiency, five electives)	4.5

<b>General Education Total</b>	54.5
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### Major

BIO 112	Introductory Biology II Lecture	3
BIO 112	Introductory Biology II Lab	1
BIO 312	Ecology Lecture	3
BIO 312	Ecology Lab	1
CHE 112	General Chemistry II Lecture	3
CHE 112	General Chemistry II Lab	1
CHE 211	Organic Chemistry I Lecture	3
CHE 211	Organic Chemistry II Lab	1
PHY 101	General Physics I Lecture	3
PHY 101	General Physics I Lab	1
PHY 102	General Physics II Lecture	3
PHY 102	General Physics II Lab	1
PSC 201	Principles of Earth Science Lecture	3
PSC 201	Principles of Earth Science Lab	1
PHS 223	Human Anatomy Lecture	3
PHS 223	Human Anatomy Lab	1
BIO	Electives* (upper division)	8

<b>Major Total</b>	40
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\*Science education candidates may include BIO 499 senior paper in these elective hours. The advisor should be consulted for further information.

### Professional Education

PED 100	Education Seminar (every semester)	0
PED 121	Field Based Experience/Practicum (Secondary)	1
PED 203	Foundations and Methods of Education	3
PED 222	School Health Care	1
PED 313	Human Growth and Development	3
PED 361	Professional Education Seminar/Portfolio	1
PED 363	Educational Technology	3
PED 372	Classroom Management and Educational Law	3
PED 382	Educational Assessment	2
PED 485	Student Teaching: 7-9	5
PED 495	Student Teaching: 10-12	5
BIO 429	Secondary Methods: Science	3
ESL 303	TESL Principles	3
SED 353	Introduction to Special Education Mild-Moderate Disabilities	3

<b>Professional Education Total</b>	36
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<b>Degree Total</b>	130.5
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## Biology Minor (BIO)

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

BIO 111	Introductory Biology I Lecture	3
BIO 111	Introductory Biology I Laboratory	1
BIO 112	Introductory Biology II Lecture	3

BIO 112	Introductory Biology II Laboratory	1
BIO	Electives in biology (300-level or above) must include three courses with respective labs including one field course (lecture and lab)	12
<b>Minor Total</b>		<b>20</b>

## Awards and Scholarships

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

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

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

**Outstanding Science Education Major:** This is awarded to the outstanding graduating senior in science education.

**Science Faculty/Alumni Scholarship:** This award of approximately \$600 is granted to one rising sophomore, one rising junior, and one rising senior from the Biology Department, Chemistry Department, and the Engineering, Physics, and Physical Science Department. The award is based on financial need and scholarship and is funded by contributions from alumni and faculty members.

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

## Course Offerings

Descriptions of the courses listed below are in the section titled Course Descriptions at the end of this catalog. Course descriptions are listed in alphabetical order by the prefix.

### Biology

BIO 101	Principles of Biology Lecture
BIO 101	Principles of Biology Laboratory
BIO 111	Introductory Biology I Lecture
BIO 111	Introductory Biology I Laboratory
BIO 112	Introductory Biology II Lecture
BIO 112	Introductory Biology II Laboratory
BIO 200	Human Cadaver Dissection
BIO 310	Microbiology Lecture
BIO 310	Microbiology Laboratory
BIO 311	Genetics Lecture
BIO 311	Genetics Laboratory
BIO 312	Ecology Lecture
BIO 312	Ecology Laboratory
BIO 360	Readings in Biology
BIO 371	Introduction to Biological Research I
BIO 372	Introduction to Biological Research II
BIO 411	Molecular Cell Biology Lecture
BIO 411	Molecular Cell Biology Laboratory
BIO 421	General and Comparative Physiology Lecture
BIO 421	General and Comparative Physiology Laboratory
BIO 429	Secondary Methods: Science

BIO 431	Developmental Biology Lecture
BIO 431	Developmental Biology Laboratory
BIO 451	Biology Seminar
BIO 454	Special Topics
BIO 456	Bioethics
BIO 457	Principles of Immunology Lecture
BIO 457	Principles of Immunology Laboratory
BIO 458	Marine Ecology Lecture
BIO 458	Marine Ecology Laboratory
BIO 459	Scientific Terminology
BIO 499	Individual Research and Senior Paper
<b>PreHealth Professions</b>	
PHP 400	Medical Seminar
<b>Physiology</b>	
PHS 223	Human Anatomy Lecture
PHS 223	Human Anatomy Laboratory
PHS 224	Human Physiology Lecture
PHS 224	Human Physiology Laboratory

## CHEMISTRY DEPARTMENT

Robert C. Stewart, Ph.D., Chair

Chemistry is a central empirical science; applications of chemistry improve the quality of life. These applications include pharmaceuticals, polymers, energy, agriculture, medicine, art, and engineering. Therefore, chemistry is a significant field of study that touches lives in many ways.

The Chemistry Department offers courses of study leading to the bachelor of science degree in chemistry, biomedical chemistry (a unique program leading to medical school), and science education. Students with a biomedical chemistry major must minor in biology. A student majoring in chemistry may minor in any area. Students may choose to receive a bachelor of arts degree by meeting foreign language requirements in addition to the requirements listed for the bachelor of science degree. A minor in chemistry is also available to students majoring in other fields.

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

The success of ORU chemistry graduates is outstanding. Most are accepted into medical, dental, and professional graduate schools. The acceptance rate of ORU chemistry graduates is well above the national average. ORU graduates are actively recruited by many graduate schools.

## BIOMEDICAL CHEMISTRY MAJOR (BMC)

*Bachelor of Science*

The degree program in biomedical chemistry, which has a required minor in biology, is designed to provide a combination of studies in the biological sciences and chemistry for those students who plan to enter a professional school of medicine, dentistry, 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>	<b>Credit Hours</b>
ePortfolio (Gen 099)	0
English (ENG 101, 305)	6
Oral Communication (COM 101)	3
Humanities (HUM 111, 112, 213, 214)	12
Biblical Literature (BLIT 110, 120)	6
Theology (THE 103)	3
Chemistry (CHE 111 and 112 lecture and lab)	8
Mathematics (MAT 201)	4
American History (HIS 101)	3
American Government (GOV 101)	3
Social Sciences Elective (Choice of one of the following: PSY 201, MUS 208, SWK 202, SOC 101, SOC 201, SOC 323, BUS 201, FIN 244)	3
Health, Physical Education, and Recreation (Health Fitness I and II, swimming course or proficiency, six electives)	5
<b>General Education Total</b>	<b>56</b>

### Major

CHE 211	Organic Chemistry I Lecture	3
CHE 211	Organic Chemistry I Laboratory	1
CHE 212	Organic Chemistry II Lecture	3
CHE 212	Organic Chemistry II Laboratory	1
CHE 300	Quantitative Analysis Lecture	2
CHE 300	Quantitative Analysis Laboratory	2
CHE 303	Physical Chemistry I Lecture	3
CHE 303	Physical Chemistry I Laboratory	1
CHE 400	Chemical Instrumentation Lecture	2
CHE 400	Chemical Instrumentation Laboratory	2
CHE 449	Chemistry Research	1
CHE 452	Seminar	1
CHE 499	Individual Research and Senior Paper	3
<i>Choice of one or two of the following courses:</i>		3-6
CHE 454	Recombinant DNA Technology (3 hrs.)	
CHE 455	Oncological Chemistry (3 hrs.)	
CHE 457	Biochemistry (4 hrs.)	
CHE 473	Synthesis (3 hrs.)	
<i>Choice of one or two of the following courses:</i>		3-6
CHE 304	Physical Chemistry II (3 hrs.)	
CHE 456	Inorganic Chemistry (3 hrs.)	
CHE 471	Structure and Bonding (3 hrs.)	
CHE 474	Environmental Analysis (3 hrs.)	

<b>Major Total</b>	<b>34</b>
<b>Minor*</b>	<b>20</b>

\*A biology minor is required.

### Cognate

MAT 202	Calculus II	4
<i>Choice of one of the following pairs:</i>		8
PHY 101/102	General Physics I and II	
PHY 111/112	Physics I and II	

<b>Cognate Total</b>	<b>12</b>
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### Electives

Students are strongly urged to select courses in biology, mathematics, physics, and psychology that reflect the requirements of the professional school to which the student will apply. Students should follow their advisor's recommendations.

<b>Electives Total</b>	<b>6</b>
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<b>Degree Total</b>	<b>128</b>
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## CHEMISTRY MAJOR (CHE)

### Bachelor of Science

The chemistry program is designed to provide (1) a working knowledge of chemical concepts; (2) a rigorous, medically oriented program; (3) state-of-the-art training for graduate school or immediate employment; (4) opportunity to broaden their skills by learning the concepts of chemistry; and (5) opportunities to work in chemical companies and industrial research.

<b>General Education</b>	<b>Credit Hours</b>
ePortfolio (Gen 099)	0
English (ENG 101, 305)	6
Oral Communication (COM 101)	3
Humanities (HUM 111, 112, 213, 214)	12
Biblical Literature (BLIT 110, 120)	6
Theology (THE 103)	3
Chemistry 111 (lecture and lab)	4
Chemistry 112 (lecture and lab)	4
Mathematics (MAT 201)	4
American History (HIS 101)	3
American Government (GOV 101)	3
Social Sciences Elective (Choice of one of the following: PSY 201, MUS 208, SWK 202, SOC 101, SOC 201, SOC 323, BUS 201, FIN 244)	3
Health, Physical Education, and Recreation (Health Fitness I and II, swimming course or proficiency, six electives)	5
<b>General Education Total</b>	<b>56</b>

### Major

CHE 211 Organic Chemistry I Lecture	3
CHE 211 Organic Chemistry I Laboratory	1
CHE 212 Organic Chemistry II Lecture	3
CHE 212 Organic Chemistry II Laboratory	1
CHE 300 Quantitative Analysis Lecture	2
CHE 300 Quantitative Analysis Laboratory	2
CHE 303 Physical Chemistry I Lecture	3
CHE 303 Physical Chemistry I Laboratory	1
CHE 304 Physical Chemistry II Lecture	3
CHE 400 Chemical Instrumentation Lecture	2
CHE 400 Chemical Instrumentation Laboratory	2
CHE 449 Chemistry Research	1
CHE 452 Seminar	1
CHE 456 Inorganic Chemistry	3
CHE 499 Individual Research and Senior Paper	3
Choice of one of the following courses:	3
CHE 454 Recombinant DNA Technology (3 hrs.)	
CHE 455 Oncological Chemistry (3 hrs.)	
CHE 457 Biochemistry (4 hrs.)	
CHE 473 Synthesis (3 hrs.)	
Choice of one of the following courses:	3
CHE 471 Structure and Bonding	
CHE 474 Environmental Analysis	
<b>Major Total</b>	<b>37</b>

### Cognate

MAT 202 Calculus II	4
MAT 211 Differential Equations	3
CSC 111 Introduction to Computing	3
Choice of one of the following pairs:	8
PHY 101/102 General Physics I and II (lecture and laboratory)	
PHY 111/112 Physics I and II (lecture and laboratory)	
<b>Cognate Total</b>	<b>18</b>

### Electives

Students are strongly urged to minor in biology, mathematics, computer science, physics, foreign language, business, or environmental studies and to select courses with the counsel of the major advisor. Credits required vary according to the minor.

<b>Electives Total</b>	<b>17</b>
<b>Degree Total</b>	<b>128</b>

## SCIENCE EDUCATION MAJOR (SCED) with Secondary

### School Teaching Licensure Bachelor of Science

Students seeking licensure to teach at the secondary level have two options: (1) completion of the science education major, which leads to standard certification or (2) completion of any other major in the Biology, Chemistry, or Engineering/Physics Departments, which can lead to alternative certification. Students seeking alternative certification are encouraged, but not required, to pursue an education minor. One class at the graduate level is required for alternative certification in the state of Oklahoma; however, it is not required for graduation. Students seeking alternative certification need to check with the State Department of Education from any state in which they plan to teach in order to ensure they meet specific requirements for that state's alternative certification. Students interested in a teaching license should work closely with the advisor in the major department.

This program meets the State of Oklahoma's specific requirements for certification in middle-level science, earth science, physical science, chemistry, biology, and physics. This department works in cooperation with the ORU School of Education; therefore, students interested in this major should consult the School of Education as well as the education advisor in this department.

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 course work toward additional licensing should consult the subject area advisor.

<b>General Education</b>	<b>Credit Hours</b>
ePortfolio (Gen 099)	0
English (ENG 101, 305)	6
Oral Communication (COM 101)	3
Humanities (HUM 111, 112, 213, 214)	12
Biblical Literature (BLIT 110, 120)	6
Theology (THE 103)	3
Biology 111 (lecture and lab)	4
Chemistry 111 (lecture and lab)	4
Mathematics (MAT 113)	3
American History (HIS 101)	3
American Government (GOV 101)	3
Foreign Language Proficiency PRF 001 (exam or 102 level of a foreign language class)	0
Social Sciences Elective (Choice of one of the following: PSY 201, SOC 201, SOC 323, FIN 244)	3
Health, Physical Education, and Recreation (Health Fitness I and II, Basic	4.5

First Aid/CPR, swimming course or proficiency, five electives)

**General Education Total** 54.5

### Major

BIO 112 Introductory Biology II Lecture	3
BIO 112 Introductory Biology II Laboratory	1
CHE 112 General Chemistry II Lecture	3
CHE 112 General Chemistry II Laboratory	1
CHE 211 Organic Chemistry I Lecture	3
CHE 211 Organic Chemistry I Laboratory	1
PHY 101 General Physics I Lecture	3
PHY 101 General Physics I Laboratory	1
PHY 102 General Physics II Lecture	3
PHY 102 General Physics II Laboratory	1
PHS 223 Human Anatomy Lecture	3
PHS 223 Human Anatomy Laboratory	1
BIO 312 Ecology Lecture	3
BIO 312 Ecology Laboratory	1
PSC 201 Principles of Earth Science Lecture	3
PSC 201 Principles of Earth Science Laboratory	1
CHE Electives* (upper division)	8
<b>Major Total</b>	<b>40</b>

\*Science education candidates may include CHE 499 senior paper in these elective hours. The advisor should be consulted for further information.

### Professional Education

PED 100 Education Seminar (every semester)	0
PED 121 Field Based Experience/Practicum (Secondary)	1
PED 203 Foundations and Methods of Education	3
PED 222 School Health Care	1
PED 313 Human Growth and Development	3
PED 361 Professional Education Seminar/Portfolio	1
PED 363 Educational Technology	3
PED 372 Classroom Management and Educational Law	3
PED 382 Educational Assessment	2
PED 485 Student Teaching: 7-9	5
PED 495 Student Teaching: 10-12	5
CHE 429 Secondary Methods: Science	3
ESL 303 TESL Principles	3
SED 353 Introduction to Special Education Mild-Moderate Disabilities	3

**Professional Education Total** 36

**Degree Total** 130.5

## Chemistry Minor (CHE)

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

CHE 111 General Chemistry I Lecture	3
CHE 111 General Chemistry I Lab	1
CHE 112 General Chemistry II Lecture	3
CHE 112 General Chemistry II Lab	1
CHE 211 Organic Chemistry I Lecture	3
CHE 211 Organic Chemistry I Lab	1
CHE 212 Organic Chemistry II Lecture	3
CHE 212 Organic Chemistry II Lab	1
CHE 300 Quantitative Analysis Lecture	2
CHE 300 Quantitative Analysis Lab	2

**Minor Total** 20

## Awards and Scholarships

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

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

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

**Outstanding Science Education Student Award.** This recognizes the outstanding graduating senior in science education.

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

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

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

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

**Science Faculty/Alumni Scholarship.** This award of approximately \$600 is granted to one rising sophomore, one rising junior, and one rising senior from the Biology Department, Chemistry Department, and the Engineering, Physics, and Physical Science Department. The award is based on financial need and the scholarship is funded by contributions from alumni and faculty members.

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

## Course Offerings

Descriptions of the courses listed below are in the section titled Course Descriptions at the end of this catalog. Course descriptions are listed in alphabetical order by the prefix.

### Chemistry

CHE 101	Principles of Chemistry Lecture
CHE 101	Principles of Chemistry Laboratory
CHE 111	General Chemistry I Lecture
CHE 111	General Chemistry I Laboratory
CHE 112	General Chemistry II Lecture
CHE 112	General Chemistry II Laboratory
CHE 211	Organic Chemistry I Lecture
CHE 211	Organic Chemistry I Laboratory
CHE 212	Organic Chemistry II Lecture
CHE 212	Organic Chemistry II Laboratory
CHE 300	Quantitative Analysis Lecture
CHE 300	Quantitative Analysis Laboratory

CHE 303	Physical Chemistry I Lecture
CHE 303	Physical Chemistry I Laboratory
CHE 304	Physical Chemistry II
CHE 400	Chemical Instrumentation Lecture
CHE 400	Chemical Instrumentation Laboratory
CHE 429	Secondary Methods: Science
CHE 449	Chemistry Research Laboratory
CHE 452	Seminar
CHE 454	Recombinant DNA Technology
CHE 455	Oncological Chemistry
CHE 456	Inorganic Chemistry
CHE 457	Biochemistry
CHE 458	Chemistry Internship
CHE 471	Structure and Bonding
CHE 473	Synthesis
CHE 474	Environmental Analysis
CHE 499	Individual Research and Senior Paper

## COMMUNICATION ARTS DEPARTMENT

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

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

The Communication Arts Department offers four majors: Drama; Drama/TV/Film Performance; Organizational/Interpersonal Communication; Communication Arts Education—Speech/Drama/ Debate Education; and Mass Media Communication. The Mass Media Communication major offers five areas of concentration: journalism, broadcast journalism, public relations/advertising, radio, and multimedia production, which includes video, desktop, editing, and internet authoring.

All Communication Arts Department students usually take at least one course in each of the divisions of the department (drama, organizational/interpersonal communication, and mass media communication). The course will be chosen by the student with the concurrence of the major advisor.

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

## DRAMA MAJOR (CAD)

*Bachelor of Arts*

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

<i>General Education</i>	<i>Credit Hours</i>
ePortfolio (Gen 099)	0
English (ENG 101, 305)	6
Foreign Language (2 semesters including 203)	6
Oral Communication (COM 101)	3
Humanities (HUM 111, 112, 213, 214)	12
Biblical Literature (BLIT 110, 120)	6
Theology (THE 103)	3
Sciences (lecture and lab)	8
Mathematics (MAT 151)	3
American History (HIS 101)	3
American Government (GOV 101)	3
Social Sciences Elective (Choice of one of the following: PSY 201, SOC 323, SWK 202, SOC 101, SOC 201, MUS 208, BUS 201, FIN 244)	3
Health, Physical Education, and Recreation (Health Fitness I and II, swimming course or proficiency, six electives)	5
<b>General Education Total</b>	<b>61</b>

### Major

MMC 104	Foundations in Mass Media Com.	3
COM 102	Voice, Diction, and Phonetics	3
COM 205	Fundamentals of Acting	3
COM 215	Introduction to Theatre	3
COM 216	Introduction to Technical Production	3
COM 304	Theatre History I	3
COM 305	Theatre History II	3
COM 336	Directing	3
COM 498	Senior Paper Preparation	1
COM 499	Research and Senior Paper/Project	2
<i>Choice of one of the following:</i>		3
COM 309	Argumentation and Persuasion	
COM 342	Communication Theory	

<b>Major Total</b>	<b>30</b>
<b>Minor</b>	<b>18</b>
<b>Electives</b>	<b>19</b>
<b>Degree Total</b>	<b>128</b>

## DRAMA/ TELEVISION/ FILM PERFORMANCE MAJOR (DTF)

*Bachelor of Science*

The drama/television/film performance division of the Communication Arts Department (1) provides a foundation on which one can build experiences in professional, semi-professional, or amateur drama/television/film performance; (2) develops the intellectual, aesthetic, and creative potential of students through drama/television/film as a liberal arts study; (3) prepares students for graduate study in drama, television, and film; and (4) provides the student with a variety of acting opportunities and experiences on the live theatre stage, in the television studio, and on the film location.

All drama/television/film performance majors must register for COM 105 Drama/TV/Film Performance Seminar for eight semesters. Since the Drama/Television/Film/Performance B.S. program does not require a minor, and in keeping with the professional program, students will be guided into 18 additional hours of drama, mass media communication, and

film courses. The cognate section below specifies the courses that make up these 18 hours.

<b>General Education</b>	<b>Credit Hours</b>
ePortfolio (Gen 099)	0
English (ENG 101, 305)	6
Oral Communication (COM 101)	3
Humanities (HUM 111, 112, 213, 214)	12
Biblical Literature (BLIT 110, 120)	6
Theology (THE 103)	3
Laboratory Science	8
Mathematics (MAT 151)	3
American History (HIS 101)	3
American Government (GOV 101)	3
Social Sciences Elective (Choice of one of the following: PSY 201, MUS 208, SWK 202, SOC 101, SOC 201, SOC 323, BUS 201, FIN 244)	3
Health, Physical Education, and Recreation (Health Fitness I and II, swimming course or proficiency, six electives)	5
<b>General Education Total</b>	<b>55</b>
<b>Major</b>	
COM 105 Drama/TV/Film Performance Seminar (8 semesters at .5 per semester)	4
COM 107 Film Acting Techniques	3
COM 205 Fundamentals of Acting	3
COM 215 Introduction to Theater	3
COM 216 Introduction to Technical Production	3
COM 232 Acting Styles	3
COM 304 Theatre History I	3
COM 305 Theatre History II	3
COM 306 Advanced Acting	3
COM 336 Directing	3
MMC 345 Announcing	3
COM 498 Senior Paper Preparation	1
COM 499 Research and Senior Paper/Project	2
<b>Major Total</b>	<b>37</b>
<b>Cognate</b>	
MMC 127 Introduction to Audio Production	3
MMC 318 Scriptwriting	3
COM 403 Costume Design	3
COM 405 Theatrical Makeup	3
Choice of one of the following two courses:	3
MMC 228 Introduction to Television Production	3
MMC 432 Field Production/Editing	3
MMC 437 Film Production Techniques	3
<b>Cognate Total</b>	<b>18</b>
<b>Electives</b>	<b>18</b>
<b>Degree Total</b>	<b>128</b>

## MASS MEDIA COMMUNICATION MAJOR (MMC)

### *Bachelor of Science*

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

and management; and (3) to provide appropriate preparation for graduate study.

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

Students with this major take the designated course work in the following areas: general education, major and concentration, cognate, and electives.

<b>General Education</b>	<b>Credit Hours</b>
ePortfolio (Gen 099)	0
English (ENG 101, 305)	6
Oral Communication (COM 101)	3
Humanities (HUM 111, 112, 213, 214)	12
Biblical Literature (BLIT 110, 120)	6
Theology (THE 103)	3
Laboratory Science (lecture and lab)*	8
Mathematics	3
American History (HIS 101)	3
American Government (GOV 101)	3
Social Sciences Elective (Choice of one of the following: PSY 201, MUS 208, SWK 202, SOC 101, SOC 201, SOC 323, BUS 201, FIN 244)	3
Health, Physical Education, and Recreation (Health Fitness I and II, swimming course or proficiency, six electives)	5
<b>General Education Total</b>	<b>55</b>

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

<b>Major</b>	
MMC 104 Foundations in Mass Media Com.	3
MMC 107 Writing for Mass Media I	3
MMC 127 Introduction to Audio Production	3
MMC 221 Advertising and Marketing	3
MMC 489 Mass Communications Strategy	3
MMC Concentration	15
<b>Major Total</b>	<b>30</b>

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

<b>■ Broadcast Journalism Concentration (BJRN)</b>	
COM 205 Fundamentals of Acting	3
COM 322 Interviewing	3
MMC 205 Writing for Mass Media II	3
MMC 228 Introduction to TV Production	3
MMC 499 Senior Paper/Project in Broadcast	3
<b>Broadcast Journalism Concentration Total</b>	<b>15</b>

<b>Broadcast Journalism Cognate</b>	
MMC 206 Mass Communication Workshop: Teleneews	1

MMC 208 Broadcast News	3
MMC 317 News Reporting	3
MMC 321 Mass Media Law	3
MMC 345 Announcing	3
MMC 432 Field Production/Editing	3
MMC 451 Communications Internship	3

<b>Cognate Total</b>	<b>19</b>
<b>Electives</b>	<b>24</b>

<b>Degree Total with Broadcast Journalism Concentration</b>	<b>128</b>
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### **■ Public Relations/Advertising Concentration (PRA)**

MMC 205 Writing for Mass Media II	3
MMC 228 Introduction to TV Production	3
COM 498 Senior Paper Preparation	1
COM 499 Senior Paper/Project in Public Relations/Advertising	2

Choice of one of the following two courses:

COM 205 Fundamentals of Acting	3
COM 215 Introduction to Theatre	3

Choice of one of the following four courses:

COM 300 Organizational Communication	3
COM 309 Argumentation and Persuasion	3
COM 322 Interviewing	3
COM 342 Communication Theory	3

<b>Public Relations/Advertising Concentration Total</b>	<b>15</b>
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### **Public Relations/Advertising Cognate**

MMC 225 Principles of Public Relations	3
MMC 206 Mass Communication Workshop: Oracle/ Yearbook/Advertising	1
MMC 321 Mass Media Law	3
MMC 363 Photography	3
MMC 220 Principles of Advertising	3
MMC 416 Advertising Layout and Design	3
Choice of one of the following five courses:	3
MMC 421 Integrated Marketing Communication	3
MMC 427 Public Relations Management	3
MMC 428 Public Relations Case Studies	3
COM 451 Communications Internship	3
COM 453 Directed Study	3

<b>Cognate Total</b>	<b>19</b>
<b>Electives</b>	<b>24</b>

<b>Degree Total with Public Relations/Advertising Concentration</b>	<b>128</b>
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### **■ Journalism Concentration (JRN)**

MMC 205 Writing for Mass Media II	3
MMC 228 Introduction to TV Production	3
COM 498 Senior Paper Preparation	1
COM 499 Senior Paper/Project in Journalism	2

Choice of one of the following two courses:

COM 205 Fundamentals of Acting	3
COM 215 Introduction to Theatre	3

Choice of one of the following four courses:

COM 300 Organizational Communication	3
COM 309 Argumentation and Persuasion	3
COM 322 Interviewing	3
COM 342 Communication Theory	3

<b>Journalism Concentration Total</b>	<b>15</b>
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### **Journalism Cognate**

MMC 206 Mass Communication Workshop: Oracle/Yearbook/Advertising	1
MMC 305 Editing for Print	3
MMC 317 News Reporting	3

MMC 321	Mass Media Law	3
MMC 444	Feature Writing	3
COM 451	Communications Internship	3
<i>Choice of one of the following courses:</i>		3
MMC 208	Broadcast News	
MMC 332	Journalism Seminar	
MMC 363	Black and White Photography	
MMC 406	Public Relations	
COM 453	Directed Study	

**Journalism Cognate Total** 19  
**Electives** 24

**Degree Total with Journalism Concentration** 128

#### ■ **MultiMedia Production Concentration\* (MULT)**

MMC 231	Principles of TV Production	3
MMC 304	New Technologies in Industry	3
MMC 499	Senior Paper/Project in Production	3
<i>Choice of one of the following:</i>		3
COM 300	Organizational Communication	
COM 342	Communication Theory	
<i>Choice of one of the following:</i>		3
MMC 216	Introduction to Technical Production**	
MMC 318	Fundamentals of Scriptwriting	

**MultiMedia Production Concentration Total** 15

#### **MultiMedia Production Cognate**

MMC 329	Advanced TV Production	3
MMC 412	Desktop Video and Multimedia Prod.	3
MMC 432	Field Production and Editing	3
COM 451	Communications Internship	3
<i>Choice of two of the following courses:</i>		6
MMC 312	Advanced Audio	
MMC 313	Lighting for TV/Film	
MMC 314	Media Operations	

**Cognate Total** 18  
**Electives** 25

**Degree Total with MultiMedia Production Concentration** 128

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

\*\*This choice requires advisor approval.

## **MultiMedia Institute**

The Mass Media/Multimedia Production concentration requires 30 hours of core courses and 18 hours of concentration plus six designated elective hours. Students apply for entrance into this selective program during their sophomore year. Acceptance into the program is limited and based on admission to the MultiMedia Institute, which includes (but is not limited to) the following criteria: (1) performance in previous production courses; (2) evaluation by previous MMC professors; (3) previous class attendance, participation, and academic performance; (4) the student's entrance essay and interview; (5) the student's professional goals; and (6) willingness to commit to the discipline and schedule of the program. Students not selected to the MultiMedia Institute will be required to choose a new career path or major. Students who transfer into ORU or who declare this area of concentration after 32 credit hours of college work may be required to spend additional semesters to complete this concentration.

Oral Roberts University has always been a leader in technology. The MultiMedia Institute positions ORU at the forefront in new technology. The Institute is com-

prised of media professionals and faculty from the Communication Arts Department.

Students participating in the MultiMedia Institute during their junior year receive intense hands-on experience, 40-hours a week, for two semesters. Students develop competencies working on real world projects. These projects include audio and video production, CD ROM/DVD authoring, and Internet development. Programs include education, entertainment, drama, and promotion. Students completing studies at the Institute will have a video/CD ROM/DVD portfolio of their work. There is a one-time \$1800 fee to cover technology and a \$900 to cover long-distance field trips.

Students are taught by faculty while they work daily with industry professionals. Programs students produce may be educational, entertainment, or instructional in nature. For more information contact the Director of the Multimedia Institute.

## **ORGANIZATIONAL/ INTERPERSONAL COMMUNICATION MAJOR (CAI)**

### **Bachelor of Arts**

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

<b>General Education</b>	<b>Credit Hours</b>
ePortfolio (Gen 099)	0
English (ENG 101, 305)	6
Foreign language (2 semesters including 203)	6
Oral Communication (COM 101)	3
Humanities (HUM 111, 112, 213, 214)	12
Biblical Literature (BLIT 110, 120)	6
Theology (THE 103)	3
Laboratory Science (lecture and lab)	8
Mathematics (MAT 232 is suggested.)	3
American History 101	3
Government 101	3
Social Sciences Elective: (Choice of one of the following: PSY 201, MUS 208, SWK 202, SOC 101, SOC 201, BUS 201, FIN 244, SOC 323)	3
Health, Physical Education, and Recreation (Health Fitness I and II, swimming course or proficiency, and six electives)	5
<b>General Education Total</b>	<b>61</b>

### **Major**

COM 203	Interpersonal Communication	3
COM 250	Forensics	1
COM 300	Organizational Communication	3
COM 302	Advanced Public Speaking	3
COM 309	Argumentation and Persuasion	3
COM 342	Communication Theory	3
COM 498	Senior Paper Preparation	1

COM 499	Research and Senior Paper/Project	2
<i>Choice of one of the following three courses:</i>		3
COM 322	Interviewing	
COM 410	Discussion and Conference Leadership	
COM 446	Business and Professional Speech	
<i>Choice of one of the following O/I Com courses:</i>		3
COM 322	Interviewing	
COM 409	Gender and Family Communication	
COM 410	Discussion and Conference Leadership	
COM 412	Training and Development	
COM 444	Advanced Interpersonal Communication	
COM 446	Business and Professional Speech	
COM 451	Internship	
COM 453	Directed Study	
ESL 413	Cross-Cultural Communication	
<i>Choice of one of the following drama courses:</i>		3
COM 102	Voice, Diction, and Phonetics	
COM 205	Fundamentals of Acting	
COM 215	Introduction to Theatre	
<i>Choice of one of the following courses:</i>		3
MMC 104	Foundations in Mass Media Communications	
MMC 221	Advertisement and Marketing in Telecommunications	
MMC 220	Principles of Advertising	
MMC 215	Principles of Public Relations	

**Major Total** 31  
**Minor** 18  
**Electives** 18

**Degree Total** 128

## **SPEECH/DRAMA/ DEBATE EDUCATION MAJOR (CAE) with Secondary School Teaching Licensure**

### **Bachelor of Arts**

Students seeking licensure to teach at the secondary levels have two options: (1) completion of the communication arts education major, which leads to standard certification or (2) completion of any other major in the Communications Department, which can lead to alternative certification. Students seeking alternative certification are encouraged, but not required, to pursue an education minor. One class at the graduate level is required for alternative certification in the state of Oklahoma; however, it is not required for graduation. Students seeking alternative certification need to check with the State Department of Education from any state in which they plan to teach in order to ensure they meet specific requirements for that state's alternative certification. Students interested in a teaching license should work closely with the advisor in the major department.

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

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

Students may earn licensure in a second sub-

ject/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 course work toward additional licensing should consult the subject area advisor.

<b>General Education</b>	<b>Credit Hours</b>
ePortfolio (Gen 099)	0
English (ENG 101, 305)	6
Oral Communication (COM 101)	3
Mathematics (MAT 113-421)	3
American History (HIS 101)	3
American Government (GOV 101)	3
Biology (lecture and lab)	4
Physical Science (lecture and lab)	4
Humanities (HUM 112, 213, 214)	9
Biblical Literature (BLIT 110, 120)	6
Theology (THE 103)	3
Foreign language (2 semesters including 203)	6
Social Sciences Elective (Choice of one of the following: PSY 201, SOC 323 SWK 202, SOC 101, SOC 201)	3
Health, Physical Education, and Recreation (Health Fitness I and II, Basic First Aid/CPR, swimming course or proficiency, five electives)	5
<b>General Education Total</b>	<b>58</b>

### Major

COM 102 Voice, Diction, and Phonetics	3
COM 105 Drama/TV/Film Performance Seminar (2 semesters)	0
COM 202 Oral Interpretation of Literature	3
COM 205 Fundamentals of Acting	3
COM 215 Introduction to Theatre	3
COM 216 Introduction to Technical Production	3
COM 250 Forensics	1
COM 260 Debate and Tournament Directing	2
COM 304 Theatre History I	3
COM 305 Theatre History II	3
COM 309 Argumentation and Persuasion	3
COM 336 Directing	3
COM 403 Costume Design	3
COM 404 Theatrical Scene Design	3
COM 498 Senior Paper Preparation	1
COM 499 Research and Senior Paper/Project	2
Choice of one of the following courses:	3
MMC 104 Foundations in Mass Media Communication	
MMC 228 Introduction to Television Production	
MMC 231 Principles of TV Production	

**Major Total** 42

### Professional Education

PED 100 Education Seminar (every semester)	0
PED 121 Field Based Experience/Practicum (Secondary)	1
PED 203 Foundations and Methods of Education	3
PED 222 School Health Care	1
PED 313 Human Growth and Development	3
PED 361 Professional Education Seminar/Portfolio	1
PED 363 Educational Technology	3
PED 372 Classroom Management and Educational Law	3
PED 382 Educational Assessment	2
PED 485 Intern/Student Teaching: 7-9	5
PED 495 Intern/Student Teaching 10-12	5

COM 450 Teaching Communication Arts	3
ESL 303 TESL Principles	3
SED 353 Introduction to Special Education Mild-Moderate Disabilities	3
:	
<b>Professional Education Total</b>	<b>36</b>
<b>Degree Total</b>	<b>136</b>

## Mass Media Communication Minor (MMC)

This minor is designed for students majoring outside of the department. If a student declares this minor and then decides to become a mass media communication major with a multimedia production concentration, that student must be accepted into the Mass Media Institute before completing the 18 hours and must complete the year-long residential program.

MMC 206 Workshop: Web Weaving	3
Choice of one of the following two courses:	3
MMC 228 Introduction to TV Production	
MMC 231 Principles of TV Production	
Choice of one of the following two courses:	3
MMC 127 Introduction to Audio Production	
MMC 128 Principles of TV Production	
Choice of three of the following courses:	9
MMC 304* New Technologies	
MMC 313 Lighting for TV/Film	
MMC 412* Desktop Video/Multimedia Production	
MMC 432 Field Production/Editing	
MMC 437 Film Production Techniques	
MMC 457 Advanced Field Production/Editing	
COM 451 Internship	
<b>Minor Total</b>	<b>18</b>

\*These classes are available only through the Summer Institute.

## Human Resources Development Minor (HRD)

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

### For organizational/interpersonal communication majors

MGT 130 Principles of Management	3
MGT 352 Organizational Behavior	3
MGT 353 Human Resources Management	3
MMC 225 Public Relations	3
COM 412 Training and Development	3
COM Elective from organizational/interpersonal communication	3
<b>Minor Total</b>	<b>18</b>

### For students not majoring in organizational/interpersonal communication

COM 203 Interpersonal Communication	3
COM 300 Organizational Communication	3
COM 412 Training and Development	3
MGT 353 Human Resource Management	3

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

**Minor Total** 18

\*With advisor's approval.

## Journalism Minor (JRN)

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

MMC 107 Writing for Mass Media I	3
MMC 317 News Reporting	3
MMC 332 Journalism Seminar	3
MMC 444 Feature Writing	3
Choice of two from the following courses* (with journalism advisor approval):	6
MMC 205 Writing for Mass Media II	
MMC 206 Mass Communication Workshop	
MMC 208 Broadcast News	
MMC 363 Professional Photography	
MMC 416 Advertising Layout and Design	
MMC 215 Principles of Public Relations	
COM 426 Communication Seminar	
COM 451 Communications Internship	

**Minor Total** 18

\*With approval of journalism advisor.

## Drama Minor (CAD)

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

**Minor Total** 18

\*With approval of the drama advisor.

## Organizational/Interpersonal Communication Minor (CAI)

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

**Minor Total** 18

\*With approval of organizational/interpersonal advisor.

## Public Relations and Advertising Minor (PRA)

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

MMC 225	Principles of Public Relations	3
MMC 107	Writing for Mass Media I	3
MMC 221	Advertising and Marketing in Telecommunication	3
MMC 363	Professional Photography	3
MMC 220	Principles of Advertising	3
MMC 416	Advertising Layout and Design	3
<b>Minor Total</b>		<b>18</b>

## Awards

**Outstanding Senior Awards:** The Communication Arts Department annually bestows the following awards to the outstanding graduating senior in each of the following majors: speech/drama/debate education; drama; drama/television/film performance; organizational/interpersonal communication; and mass media communication.

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

## Course Offerings

Descriptions of the courses listed below are in the section titled Course Descriptions at the end of this catalog. Course descriptions are listed in alphabetical order by the prefix.

### Communication Arts

COM 101	Oral Communication
COM 102	Voice, Diction, and Phonetics
COM 202	Oral Interpretation of Literature
COM 426	Communication Seminar
COM 450	Teaching Communication Arts
COM 451	Communications Internship
COM 453	Directed Study and Research
COM 498	Senior Paper Preparation
COM 499	Research and Senior Paper/Project
<b>Drama</b>	
COM 105	Drama/Television/Film Performance Seminar
COM 107	Film Acting Technique
COM 150	Drama in the Church
COM 205	Fundamentals of Acting
COM 215	Introduction to Theatre
COM 216	Introduction to Technical Production
COM 232	Acting Styles
COM 304	Theatre History I
COM 305	Theatre History II
COM 306	Advanced Acting
COM 336	Directing
COM 403	Costume Design
COM 404	Theatrical Scene Design
COM 405	Makeup Design

### Organizational/Interpersonal Communication

COM 203	Interpersonal Communication
COM 250	Forensics
COM 260	Debate and Tournament Directing
COM 300	Organizational Communication
COM 302	Advanced Public Speaking
COM 309	Argumentation and Persuasion:

	Theory and Practice
COM 322	Interviewing
COM 342	Communication Theory
COM 409	Gender and Family
COM 410	Discussion and Conference Leadership
COM 412	Training and Development
COM 426	Communication Seminar
COM 444	Advanced Interpersonal Communication
COM 446	Business and Professional Speech
<b>Mass Media Communication</b>	
MMC 104	Foundations in Mass Media Communication
MMC 107	Writing for Mass Media I
MMC 127	Introduction to Audio Production
MMC 128	Principles of Audio Production
MMC 205	Writing for Mass Media II
MMC 206	Mass Communication Workshop
MMC 208	Broadcast News
MMC 220	Principles of Advertising
MMC 221	Advertisement and Marketing in Telecommunication
MMC 225	Principles of Public Relations
MMC 228	Introduction to Television Production
MMC 231	Principles of TV Production
MMC 304	New Technologies In Industry
MMC 305	Editing for Print
MMC 312	Advanced Audio Production
MMC 313	Lighting for TV/Film
MMC 314	Media Operations
MMC 317	News Reporting
MMC 318	Fundamentals of Scriptwriting
MMC 321	Mass Media Law
MMC 329	Advanced Television Production
MMC 332	Journalism Seminar
MMC 345	Announcing
MMC 363	Black and White Photography
MMC 406	Principles of Public Relations
MMC 412	Desktop Video/Multimedia Production
MMC 416	Advertising Layout and Design
MMC 417	Media Analysis
MMC 421	Integrated Marketing Communication
MMC 427	Public Relations Management
MMC 428	Public Relations Case Studies
MMC 432	Field Production/Editing
MMC 437	Film Production Techniques
MMC 444	Feature Writing
MMC 447	Producing and Directing
MMC 457	Advanced Field Production and Editing
MMC 489	Mass Communication Strategies and Design
MMC 499	Senior Research Project

# COMPUTER SCIENCE AND MATHEMATICS DEPARTMENT

## Kenneth Preston, Ed.D., Chair

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

## COMPUTER SCIENCE MAJOR (CSC)

### Bachelor of Science

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

General Education	Credit Hours
ePortfolio (Gen 099)	0
English (ENG 101, 305)	6
Oral Communication (COM 101)	3
Humanities (HUM 111, 112, 213, 214)	12
Mathematics (MAT 201)	4
Biblical Literature (BLIT 110, 120)	6
Theology (THE 103)	3
Laboratory Science	8
American History (HIS 101)	3
American Government (GOV 101)	3
Social Sciences Elective (Choice of one of the following: PSY 201, MUS 208, SWK 202, SOC 101, SOC 201, SOC 323, BUS 201, FIN 244)	3
Health, Physical Education, and Recreation (Health Fitness I and II, swimming course or proficiency, six electives)	5
<b>General Education Total</b>	<b>56</b>

### Major

CSC 111	Introduction to Computing	3
CSC 231	Computers and Programming	3
CSC 255	Data Structures	3
CSC 355	File Processing	3
CSC 455	Database Systems	3
CSC 499	Senior Paper/Project	3
CSC	Electives	15
<b>Major Total</b>		<b>33</b>

### Cognate

MAT 202	Calculus II	4
MAT 207	Discrete Mathematics	3
MAT 312	Linear and Matrix Algebra	3
Choice of one of the following two courses:		3
MAT 232	Elementary Statistics	
MAT 325	Probability and Statistics	

<b>Cognate Total</b>	<b>13</b>
<b>Minor</b>	<b>18</b>
<b>Electives</b>	<b>8</b>

<b>Degree Total</b>	<b>128</b>
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A management information systems curriculum is listed in the School of Business section and a computer engineering curriculum is listed in the Engineering, Physics, and Physical Science section.

## MATHEMATICS MAJOR (MAT)

### Bachelor of Science

The mathematics curriculum is designed to meet the needs of students seeking (1) a general cultural background, (2) a foundation for graduate study in mathematics, and (3) mathematical tools required by other majors.

<b>General Education</b>	<b>Credit Hours</b>
ePortfolio (Gen 099)	0
English (ENG 101, 305)	6
Oral Communication (COM 101)	3
Humanities (HUM 111, 112, 213, 214)	12
Mathematics (MAT 207)	3
Biblical Literature (BLIT 110, 120)	6
Theology (THE 103)	3
Laboratory Science	8
Choice of one of the following sequences:	
BIO 111, Lab 111, BIO 112, Lab 112;	
CHE 111, Lab 111, CHE 112, Lab 112;	
PHY 111, Lab 111, PHY 112, Lab 112;	
American History (HIS 101)	3
American Government (GOV 101)	3
Social Sciences Elective (Choice of one of the following: PSY 201, MUS 208, SWK 202, SOC 101, SOC 201, SOC 323, BUS 201, FIN 244)	3
Health, Physical Education, and Recreation (Health Fitness I and II, swimming course or proficiency, six electives)	5
<b>General Education Total</b>	<b>55</b>
<b>Major</b>	
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 of Functions of Several Variables	4
Choice of two of the three following courses:	6
MAT 325 Probability and Statistics	
MAT 401 Higher Algebra	
MAT 421 Advanced Calculus	
MAT Electives (above MAT 202)	3
MAT 499 Senior Paper/Project	3
<b>Major Total</b>	<b>30</b>
<b>Cognate</b>	
CSC 111 Introduction to Computing	3
CSC 255 Data Structures	3
<b>Cognate Total</b>	<b>6</b>
<b>Minor</b>	<b>18</b>
<b>Electives</b>	<b>19</b>
<b>Degree Total</b>	<b>128</b>

## MATHEMATICS EDUCATION MAJOR (MATE) with Secondary School Teaching Licensure

### Bachelor of Science

Students seeking licensure to teach at the secondary levels have two options: (1) completion of the mathematics education major, which leads to standard certification or (2) completion of any other major in the Computer Science/Mathematics Department, which can lead to alternative certification. Students seeking alternative certification are encouraged, but not required, to pursue an education minor. One class at the graduate level is required for alternative certification in the state of Oklahoma; however, it is not required for graduation. Students seeking alternative certification need to check with the State Department of Education from any state in which they plan to teach in order to ensure they meet specific requirements for that state's alternative certification. Students interested in a teaching license should work closely with the advisor in the major department.

This major is designed for students wanting to teach mathematics at the middle or high school levels and meets the State of Oklahoma specific requirements for licensure. This major is offered in cooperation with the ORU School of Education; therefore, students interested in this major should work with both the advisor in this department and with the School of Education.

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

<b>General Education</b>	<b>Credit Hours</b>
ePortfolio (Gen 099)	0
English (ENG 101, 305)	6
Oral Communication (COM 101)	3
Humanities (HUM 111, 112, 213, 214)	12
Mathematics (MAT 114)	3
Biblical Literature (BLIT 110, 120)	6
Theology (THE 103)	3
Biology (BIO 101 or 111)	4
Physical Science (PSC 101)	4
Social Sciences (SOC 323)	3
American History (HIS 101)	3
American Government (GOV 101)	3
Foreign Language Proficiency PRF 001 (exam or 102 level of a foreign language class)	0
Health, Physical Education, and Recreation (Health Fitness I and II, Basic First Aid/CPR, swimming course or proficiency, four electives)	4.5
<b>General Education Total</b>	<b>54.5</b>
<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 and Matrix Algebra	3
MAT 313 College Geometry	3
MAT 321 Calculus of Functions of Several Variables	4
MAT 325 Probability and Statistics	3

MAT 401 Higher Algebra	3
Choice of one of the following two courses:	3
MAT 318 Elementary Number Theory	
MAT 421 Advanced Calculus	
<b>Major Total</b>	<b>33</b>

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

### Cognate

CSC 111 Introduction to Computing	3
CSC 255 Data Structures	3
MAT 451 Mathematics Education Internship	2
<b>Cognate Total</b>	<b>8</b>

### Professional Education

PED 100 Education Seminar (every semester)	0
PED 121 Field Experience/ Based Practicum (Secondary)	1
PED 203 Foundations and Methods of Education	3
PED 222 School Health Care	1
PED 313 Human Growth and Development	3
PED 361 Professional Education Seminar/ Portfolio	1
PED 363 Educational Technology	3
PED 372 Classroom Management and Educational Law	3
PED 382 Educational Assessment	2
PED 485 Student Teaching: 7-9	5
PED 495 Student Teaching: 10-12	5
MAT 428 Secondary Methods: Mathematics	3
ESL 303 TESL Principles	3
SED 353 Introduction to Special Education Mild-Moderate Disabilities	3
<b>Professional Education Total</b>	<b>36</b>
<b>Degree Total</b>	<b>131.5</b>

## Computer Science Minor (CSC)

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

## Mathematics Minor (MAT)

MAT 201 Calculus I	4
MAT 202 Calculus II	4
MAT 207 Discrete Mathematics	3
MAT 312 Linear and Matrix Algebra	3
MAT Elective (MAT 300 level or above)	3
<b>Minor Total</b>	<b>17</b>

## Awards

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

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

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

## Course Offerings

Descriptions of the courses listed below are in the section titled Course Descriptions at the end of this catalog. Course descriptions are listed in alphabetical order by the prefix.

### Computer Science

CSC 101	Computer Concepts
CSC 111	Introduction to Computing
CSC 112	Microcomputer Applications in Business
CSC 213	COBOL Programming
CSC 231	Computers and Programming
CSC 255	Data Structures
CSC 331	Computer Logic and Organization
CSC 351	Operating Systems Principles
CSC 353	Programming Languages
CSC 355	File Processing
CSC 375	Numerical Analysis
CSC 381	Systems Analysis
CSC 382	Systems Design
CSC 441	Data Communication
CSC 450	Computer Science Internship
CSC 451	Advanced Systems Programming
CSC 453	Compiler Construction
CSC 454	Special Topics in Computer Science
CSC 455	Database Systems
CSC 460	Object-Oriented Design
CSC 499	Senior Paper/Project

### Mathematics

MAT 100	Introduction to College Mathematics
MAT 113	Mathematical Analysis I
MAT 114	Mathematical Analysis II
MAT 151	Mathematics and Society
MAT 201	Calculus I
MAT 202	Calculus II
MAT 207	Discrete Mathematics
MAT 211	Differential Equations
MAT 221	Mathematics Concepts I
MAT 222	Mathematics Concepts II
MAT 232	Elementary Statistics
MAT 312	Linear and Matrix Algebra
MAT 313	College Geometry
MAT 318	Elementary Number Theory
MAT 321	Calculus of Functions of Several Variables
MAT 325	Probability and Statistics
MAT 332	Introduction to Biostatistics
MAT 401	Higher Algebra
MAT 421	Advanced Calculus I
MAT 422	Advanced Calculus II
MAT 428	Secondary Methods: Mathematics
MAT 451	Mathematics Education Internship
MAT 499	Senior Paper/Project

# ENGINEERING, PHYSICS, AND PHYSICAL SCIENCE DEPARTMENT

Dominic M. Halsmer, Ph.D., *Chair*

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

## Engineering

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

Engineering is a professional degree. As such, high academic performance is expected from engineering majors. Initial admission to the engineering major is provisional. Academic records of engineering majors are evaluated every semester. Students entering ORU as freshmen must have a cumulative GPA of 2.25 in required engineering, science, and math courses by the end of their third semester. Those who meet this criterion are placed on regular degree status in the spring semester of the sophomore year following a successful department interview. Transfer students must meet the above criterion by the end of their first semester at ORU in order to be placed on regular engineering major status. Those who fail to meet the criterion are placed on probation and given one more semester to bring their GPAs in engineering, science, and math to 2.25. Failure to meet these requirements results in the suspension of the student as an engineering major.

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

The bachelor of science (B.S.) degree program offers majors in biomedical engineering and engineering physics. The bachelor of science (B.S.) degree with a major in biomedical engineering is designed to provide an engineering background for students planning to pursue advanced studies in biomedical engineering,

medicine, or other health professions. This degree is not designed for students who want to enter directly into the practice of professional engineering following undergraduate study.

The engineering physics major is designed to provide the necessary tools for the student to become a professional physicist who may choose to enter industry, professional school, and/or graduate school. Application of physics concepts in engineering is emphasized in various courses. Students do a design or research project for the senior paper.

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

## Physics/Physical Science/Environmental Science

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

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

## ENGINEERING MAJOR (EGR)

### Bachelor of Science in Engineering

The degree requirements for the bachelor of science in engineering consist of general education courses, the engineering major, and one area of concentration.

General Education	Credit Hours
ePortfolio (Gen 099)	0
English (ENG 101, 305)	6
Oral Communication (COM 101)	3
Humanities (HUM 111, 112, 213, 214)	12
Biblical Literature (BLIT 110,120)	6
Theology (THE 103)	3
Chemistry (CHE 111 lecture and lab)*	4
Physics (PHS 111 lecture and lab)	4
Mathematics (MAT 201)	4
American History (HIS 101)	3
American Government (GOV 101)	3
Social Sciences Elective (BUS 201 recommended)	3
Health, Physical Education, and Recreation (Health Fitness I and II, swimming course or proficiency, six electives)	5
<b>General Education Total</b>	<b>56</b>

\*Chemistry 112 lecture and lab may be substituted for Physics 111 lecture and lab for students who have a strong background in high school physics.

**Major**

EGR 100	Engineering/Physics Seminar (8 semesters)*	0
EGR 101	Introduction to Engineering	2
EGR 140	Engineering Graphics	2
EGR 210	Network Analysis I (lecture and lab)	4
EGR 221	Mechanics I: Statics	3
EGR 231	Heat and Thermodynamics	3
EGR 461	Engineering Management and Economy	2
EGR 498	Senior Design and Research I	2
EGR 499	Senior Design and Research II	2
PHY 112	Physics II (lecture and lab)	4
EGR	Concentration	40
One of the following courses, based on concentration:**		3
EGR 252	Engineering Computational Methods	
CSC 111	Introduction to Computing	
<b>Major Total</b>		<b>67</b>

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

\*\*Computer engineering concentration students take CSC 111; all others take EGR 252.

**Cognate**

MAT 202	Calculus II	4
MAT 211	Differential Equations	3
MAT 321	Calculus of Functions of Several Variables	4
MAT	Elective (upper division)	3
<b>Cognate Total</b>		<b>14</b>

Note: In addition to the courses listed above, students need to select one of the following concentrations. Technical electives should be chosen so that there are sufficient engineering science and engineering design components to prepare students for professional practice in the chosen concentration.

**■Electrical Engineering Concentration (EE)**

PHY 211	Introduction to Modern Physics	4
EGR 222	Mechanics II: Dynamics	3
EGR 330	Control Systems	3
EE 311	Network Analysis II	3
EE 321	Electronics I	4
EE 322	Electronics II	4
EE 360	Electromagnetic Theory	3
CMPE 340	Digital Systems Design	4
Choice of four of the following courses:		12
EE 325	Design w/ Standard Components	
EE 361	Power Systems Analysis	
EE 363	Electromechanical Devices	
EE 450	Digital Signal Processing	
EE 462	Power Systems Design	
EGR 331	Design of Control Systems	
CMPE 441	Microprocessor Systems Design	
CMPE 443	Computer Architecture	
<b>Electrical Engineering Concentration Total</b>		<b>40</b>

**■Mechanical Engineering Concentration (ME)**

EGR 222	Mechanics II: Dynamics	3
EGR 330	Control Systems	3
ME 321	Mechanics of Materials	3
ME 331	Applied Thermodynamics	3
ME 381	Principles of Design	3
ME 433	Heat Transfer	3
ME 441	Fluid Mechanics	3
ME 442	Refrigeration and Air Conditioning	3
ME 461	Manufacturing Processes	3
ME 482	Advanced Design	3
EE 321	Electronics I	4

Choice of two of the following courses:		6
EGR 331	Design of Control Systems	
ME 371	Theory of Machines/Mechanisms	
ME 450	Special Topics: Aircraft Design	
ME 450	Special Topics: Aerodynamics	

**Mechanical Engineering Concentration Total****■Computer Engineering Concentration (CE)**

CSC 255	Data Structures	3
CMPE 340	Digital Systems	4
CMPE 441	Microprocessor Systems Design	3
CMPE 443	Computer Architecture	3
EE 321	Electronics I	4
EE 322	Electronics II	4
EE/CMPE/CSC	Electives	19

**Computer Engineering Concentration Total****Degree Total****BIOMEDICAL ENGINEERING MAJOR (EGRB)****Bachelor of Science****General Education**

ePortfolio (Gen 099)	0
English (ENG 101, 305)	6
Oral Communication (COM 101)	3
Humanities (HUM 111, 112, 213, 214)	12
Biblical Literature (BLIT 110, 120)	6
Theology (THE 103)	3
Chemistry (CHE 111 lecture and lab)	4
Physics (PHS 111 lecture and lab)	4
Mathematics (MAT 201)	4
American History (HIS 101)	3
American Government (GOV 101)	3
Social Sciences Elective (BUS 201 recommended)	3
Health, Physical Education, and Recreation (Health Fitness I and II, swimming course or proficiency, six electives)	5
<b>General Education Total</b>	<b>56</b>

**Major**

EGR 100	Engineering/Physics Seminar (8 semesters)*	0
EGR 101	Introduction to Engineering	2
EGR 140	Engineering Graphics	2
EGR 210	Network Analysis I (lecture and lab)	4
EGR 221	Mechanics I: Statics	3
EGR 222	Mechanics II: Dynamics	3
EGR 252	Engineering Computational Methods	3
EGR 498	Senior Design and Research I	2
EGR 499	Senior Design and Research II	2
BE 310	Biomedical Engineering Survey	3
EE 311	Network Analysis II	3
EE 321	Electronics I	4
EE 322	Electronics II	4
EE 360	Electromagnetic Theory	3
CHE 112	General Chemistry II (lecture and lab)	4
CHE 211	Organic Chemistry I (lecture and lab)	4
CHE 212	Organic Chemistry II (lecture and lab)	4
PHY 112	Physics II (lecture and lab)	4
BIO 111	Introduction to Biology I (lecture and lab)	4
BIO 112	Introduction to Biology II (lecture and lab)	4

PHS 223	Human Anatomy and Physiology I (lecture and lab)	4
PHS 224	Human Anatomy and Physiology II (lecture and lab)	4

**Major Total****Cognate**

MAT 202	Calculus II	4
MAT 211	Differential Equations	3
MAT 321	Calculus of Functions of Several Variables	4

**Cognate Total****Degree Total**

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

**ENGINEERING PHYSICS MAJOR (EGRP)****Bachelor of Science****General Education**

ePortfolio (Gen 099)	0
English (ENG 101, 305)	6
Oral Communication (COM 101)	3
Humanities (HUM 111, 112, 213, 214)	12
Biblical Literature (BLIT 110, 120)	6
Theology (THE 103)	3
Chemistry (CHE 111 lecture and lab)	4
Chemistry (CHE 112 lecture and lab)	4
Mathematics (MAT 201)	4
American History (HIS 101)	3
American Government (GOV 101)	3
Social Sciences Elective (BUS 201 recommended)	3
Health, Physical Education, and Recreation (Health Fitness I and II, swimming course or proficiency, six electives)	5
<b>General Education Total</b>	<b>56</b>

**Major**

PHY 111	Physics I (lecture and lab)	4
PHY 112	Physics II (lecture and lab)	4
PHY 211	Modern Physics (lecture and lab)	4
PHY 302	Heat and Thermodynamics	3
PHY 311	Mechanics I: Statics	3
PHY 312	Mechanics II: Dynamics	3
PHY 321	Electronics I (lecture and lab)	4
PHY 331	Electromagnetic Theory	3
PHY 341	Advanced Physics Laboratory	1
PHY 401	Optics	3
PHY 402	Quantum Mechanics	3
PHY 498	Senior Research and Design I	2
PHY 499	Senior Research and Design II	2
PHY/EGR	Electives (upper division)	3
EGR 100	Engineering/Physics Seminar (8 semesters)*	0
EGR 101	Introduction to Engineering	2
EGR 140	Engineering Graphics	2
EGR 210	Network Analysis I (lecture and lab)	4
EGR 252	Engineering Computational Methods	3

**Major Total**

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

<b>Minor</b>		
MAT 202	Calculus II	4
MAT 211	Differential Equations	3
MAT 312	Linear and Matrix Algebra	3
MAT 321	Calculus of Functions of Several Variables	4
MAT 325	Probability and Statistics	3
<b>Minor Total</b>		<b>17</b>
<b>Electives</b>		<b>6</b>
<b>Degree Total</b>		<b>132</b>

**SCIENCE EDUCATION MAJOR (SCED) with Secondary School Teaching Licensure Bachelor of Science**

Students seeking licensure to teach at the secondary levels have two options: (1) completion of the science education major, which leads to standard certification or (2) completion of any other major in the Biology, Chemistry, or Engineering/Physics Departments, which can lead to alternative certification. Students seeking alternative certification are encouraged, but not required, to pursue an education minor. One class at the graduate level is required for alternative certification in the state of Oklahoma; however, it is not required for graduation. Students seeking alternative certification need to check with the State Department of Education from any state in which they plan to teach in order to ensure they meet specific requirements for that state's alternative certification. Students interested in a teaching license should work closely with the advisor in the major department.

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

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

<b>General Education</b>	<b>Credit Hours</b>
ePortfolio (Gen 099)	0
English (ENG 101, 305)	6
Oral Communication (COM 101)	3
Humanities (HUM 111, 112, 213, 214)	12
Biblical Literature (BLIT 110, 120)	6
Theology (THE 103)	3
Natural Science (BIO 111 and CHE 111)	8
Mathematics (MAT 201)	4
American History (HIS 101)	3
American Government (GOV 101)	3
Foreign Language Proficiency PRF 001 (exam or 102 level of a foreign language class)	0
Social Sciences Elective (Choice of one of the following: PSY 201, SOC 201, SOC 323, FIN 244)	3

Health, Physical Education, and Recreation (Health Fitness I and II, Basic First Aid/CPR, swimming course or proficiency, five electives)	4.5
<b>General Education Total</b>	<b>55.5</b>

<b>Major</b>		
BIO 112	Introductory Biology II Lecture	3
BIO 112	Introductory Biology II Lab	1
BIO 312	Ecology Lecture	3
BIO 312	Ecology Lab	1
CHE 112	General Chemistry II Lecture	3
CHE 112	General Chemistry II Lab	1
CHE 211	Organic Chemistry I Lecture	3
CHE 211	Organic Chemistry Lab	1
PHY 111	Physics I Lecture	3
PHY 111	Physics I Lab	1
PHY 112	Physics II Lecture	3
PHY 112	Physics II Lab	1
PHS 223	Human Anatomy and Physiology I Lecture	3
PHS 223	Human Anatomy and Physiology I Lab	1
PSC 201	Principles of Earth Science Lecture	3
PSC 201	Principles of Earth Science Lab	1
PHY/MAT	Electives* (upper division)	8
<b>Major Total</b>	<b>40</b>	

\*Science education candidates may include PHY 498 and 499 senior paper in these elective hours. The advisor should be consulted for further information.

<b>Professional Education</b>		
PED 100	Education Seminar (every semester)	0
PED 121	Field Based Experience/Practicum (Secondary)	1
PED 203	Foundations and Methods of Education	3
PED 222	School Health Care	1
PED 313	Human Growth and Development	3
PED 361	Professional Education Seminar/Portfolio	1
PED 363	Educational Technology	3
PED 372	Classroom Management and Educational Law	3
PED 382	Educational Assessment	2
PED 485	Intern/Student Teaching: 7-9	5
PED 495	Intern/Student Teaching: 10-12	5
PHY 429	Secondary Methods: Science	3
ESL 303	TESL Principles	3
SED 353	Introduction to Special Education Mild-Moderate Disabilities	3
<b>Professional Education Total</b>	<b>36</b>	
<b>Degree Total</b>	<b>131.5</b>	

**Physics Minor (PHY)**

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

PHY 111	Physics I Lecture	3
PHY 111	Physics I Laboratory	1
PHY 112	Physics II Lecture	3
PHY 112	Physics II Laboratory	1
PHY 211	Introduction to Modern Physics Lecture	3
PHY 211	Modern Physics Laboratory	1
PHY	Electives (upper division)	6
<b>Total</b>	<b>18</b>	

<b>Cognate</b>		
MAT 201	Calculus I	4
MAT 202	Calculus II	4
<b>Cognate Total</b>		<b>8</b>
<b>Minor Total</b>		<b>26</b>

**Environmental Studies Minor (ENVS)**

The stewardship of the environment is of interest to all students regardless of their majors. To assist our community in making appropriate choices on environmental issues, we offer a minor in environmental studies. Students in any major may opt for this minor; however, some courses have prerequisites.

The curriculum for the minor combines in-class courses and field courses. Students should consult the advisor in the Engineering & Physics Department so that there will be an appropriate combination of courses. Some courses are available through Au Sable Institute in northern Michigan and may be taken in summer terms.

EVR 250	Environmental Science Lecture	3
EVR 250	Environmental Science Lab	1
BIO 312	Ecology Lecture	3
BIO 312	Ecology Lab	1
EVR 450	Current Global Issues Seminar	3
CHE 101 or 111	Chemistry I Lecture	3
CHE 101 or 111	Chemistry I Lab	1
<i>Choice of one course from the following:</i>		
BIO 458	Marine Ecology Lecture and Lab	4
CHE 400	Chemical Instrumentation Lecture and Lab	1
*AUS 216	Field Geology	1
*AUS 302	Limnology	1
*AUS 311	Field Botany	1
*AUS 471	Conservation Biology	1
*AUS 482	Restoration Ecology	1
<b>Minor Total</b>	<b>19</b>	

\*Courses with an AUS prefix are offered only at the Au Sable Institute in Michigan. The Biology Department section in this catalog has more information on this institute.

Note: Of the 19 hours, eight must be in field studies. EVR 250 lecture and lab combination may be taken as honors lab science course to meet 4 hours of general education requirements.

**Awards and Scholarships**

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

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

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

**Science Faculty/Alumni Scholarship:** This award of approximately \$600 is granted to one rising sophomore, one rising junior, and one rising senior from the Biology Department, Chemistry Department, and the Engineering, Physics, and Physical Science Department. The award is based on financial need and scholarship and is funded by contributions from alumni and faculty members.

**James Wilkes Pugh Memorial Scholarship.** This fund is designated for majors in the natural sciences (Biology Department, Chemistry Department, and the Engineering, Physics, and Physical Science Department) who live in the Ozark regions of Missouri, Arkansas, and Oklahoma. This award is approximately \$500.

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

## Course Offerings

Descriptions of the courses listed below are in the section titled Course Descriptions at the end of this catalog. Course descriptions are listed in alphabetical order by the prefix.

### Bioengineering

BE 310 Biomedical Engineering Survey  
BE 450 Special Topics  
BE 495 Directed Studies

### Computer Engineering

CMPE 312 Computer Networks and Communications  
CMPE 340 Digital Systems Design Lecture  
CMPE 340 Digital Systems Design Laboratory  
CMPE 441 Microprocessor Systems Design  
CMPE 443 Computer Architecture  
CMPE 450 Special Topics  
CMPE 495 Directed Studies

### Electrical Engineering

EE 311 Network Analysis II  
EE 321 Electronics I Lecture  
EE 321 Electronics I Laboratory  
EE 322 Electronics II Lecture  
EE 322 Electronics II Laboratory  
EE 325 Design with Standard Components  
EE 360 Electromagnetic Theory  
EE 361 Power Systems Analysis  
EE 363 Electromechanical Devices  
EE 450 Special Topics  
EE 462 Design of Power Systems  
EE 495 Directed Studies

### Engineering

EGR 100 Engineering and Physics Seminar  
EGR 101 Introduction to Engineering  
EGR 140 Engineering Graphics  
EGR 210 Network Analysis I Lecture  
EGR 210 Network Analysis I Lab  
EGR 221 Mechanics I: Statics  
EGR 222 Mechanics II: Dynamics  
EGR 231 Heat and Thermodynamics  
EGR 252 Engineering Computational Methods  
EGR 330 Control Systems  
EGR 331 Design of Control Systems  
EGR 461 Engineering Management and Economy  
EGR 498 Senior Design and Research I  
EGR 499 Senior Design and Research II

### Environmental Science

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

### Geography

GEO 201 Principles of Earth Science Lecture  
GEO 201 Principles of Earth Science Laboratory  
GEO 307 Cultural Geography  
GEO 350 Environmental Geography

### Mechanical Engineering

ME 321 Mechanics of Materials  
ME 331 Applied Thermodynamics  
ME 371 Theory of Machines and Mechanisms  
ME 381 Principles of Design  
ME 433 Heat Transfer  
ME 441 Fluid Mechanics  
ME 442 Refrigeration and Air Conditioning  
ME 450 Special Topics  
ME 461 Manufacturing Processes  
ME 482 Advanced Design  
ME 495 Directed Studies

### Physics

PHY 101 General Physics I Lecture  
PHY 101 General Physics I Laboratory  
PHY 102 General Physics II Lecture  
PHY 102 General Physics II Laboratory  
PHY 111 Physics I Lecture  
PHY 111 Physics I Laboratory  
PHY 112 Physics II Lecture  
PHY 112 Physics II Laboratory  
PHY 211 Introduction to Modern Physics Lecture  
PHY 211 Introduction to Modern Physics Laboratory  
PHY 302 Heat and Thermodynamics  
PHY 311 Mechanics I: Statics  
PHY 312 Mechanics II: Dynamics  
PHY 321 Electronics I Lecture  
PHY 321 Electronics I Laboratory  
PHY 331 Electromagnetic Theory  
PHY 334 Vibrations and Sound  
PHY 341 Advanced Physics Laboratory  
PHY 401 Optics  
PHY 402 Quantum Mechanics  
PHY 450 Special Topics  
PHY 453 Applied Thermodynamics  
PHY 454 Mechanics of Materials  
PHY 455 Mathematical Methods in Physics  
PHY 498 Senior Research and Design I  
PHY 499 Senior Research and Design II

### Physical Science

PSC 101 Principles of Physical Science Lecture  
PSC 101 Principles of Physical Science Laboratory  
PSC 103 Broadcast Electronics Lecture  
PSC 103 Broadcast Electronics Laboratory  
PSC 201 Principles of Earth Science Lecture  
PSC 201 Principles of Earth Science Laboratory  
PSC 350 Environmental Geography Lecture  
PSC 350 Environmental Geography Laboratory

# ENGLISH DEPARTMENT

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

The English Department aspires to improve the student's use of the English language and to acquaint him or her with the world's great literature. English trains the student for careers in writing, editing, and publishing. Indeed, skill in language is a prerequisite in almost any occupation or profession, and familiarity with literature is an essential part of a liberal arts education. The student graduating as an English major has the foundation for teaching, journalism, public relations, and advertising, as well as the background for responsible positions in government service and graduate work in law, library science, medicine, and religion. It is not an exaggeration to state that one of the surest marks of an educated person is the ability to handle the English language with grace and precision.

The English Department offers three majors (English literature, English education, and writing) and two minors (English and writing). The writing major may emphasize either literary or technical forms; both are designed to prepare students for careers demanding a wide variety of writing and editing tasks. The literary writing concentration focuses on creative, literary genres, such as the short story, poetry, and scriptwriting. The technical concentration is designed for students seeking careers in the publishing industry or business world. The English literature major includes 30 hours of course work in English and is a good choice for students planning graduate work in law, library science, or a variety of other graduate programs. The English education major consists of 34 hours in English and communication course work and 36 hours in education. The English education program provides all of the course work required for an Oklahoma teaching license, a license that is accepted in most other states.

The English minor (18 hours) is suggested for students majoring in other fields, and the writing minor (18 hours) is for students desiring to improve their writing skills or to pursue vocations that involve writing skills. As with the writing major, the writing minor offers two areas of concentration: literary and technical.

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

## ENGLISH LITERATURE MAJOR (ENG)

*Bachelor of Arts*

General Education	Credit Hours
ePortfolio (Gen 099)	0
English (ENG 101, 305)	6
Foreign Language (2 semesters including 203)	6
Oral Communication (COM 101)	3
Humanities (HUM 112, 213, 214, ENG 201)	12
Biblical Literature (BLIT 110, 120)	6
Theology (THE 103)	3
Laboratory Science	8
Mathematics (MAT 151)	3
American History (HIS 101)	3
American Government (GOV 101)	3
Social Sciences Elective (Choice of one)	3

of the following: PSY 201, MUS 208, SWK 202, SOC 101, SOC 201, SOC 323, BUS 201, FIN 244)  
 Health, Physical Education, and Recreation (Health Fitness I and II, swimming course or proficiency, six electives)

**General Education Total** 61

**Major**

ENG 310	World Literature	3
ENG 311	English Literature I	3
ENG 312	English Literature II	3
ENG 323	American Literature I	3
ENG 324	American Literature II	3
ENG 351	Shakespeare	3
ENG 490	Senior Research	1
ENG 499	Senior Paper/Composition	2
WRT 304	Advanced Grammar and Usage	3
WRT 355	History of the English Language	3
<i>Choice of two of the following:</i>		6
ENG 352	Major Writers	
ENG 359	English Medieval Period	
ENG 370	American Romantic Period	
ENG 371	American Realists and Naturalists	
ENG 420	English Romantic Period	
ENG 421	English Victorian Period	
ENG 436	Contemporary Literature	
ENG 440	Modern Period	
ENG 450	Literary Criticism	

**Major Total** 33

**Minor** 18

**Electives** 16

**Degree Total** 128

**WRITING MAJOR (WRT)**

**Bachelor of Arts**

Students in the writing major select a concentration in either literary or technical writing. The literary writing concentration focuses on creative/literary writing, and the technical concentration focuses on editing and desktop publishing.

<b>General Education</b>	<b>Credit Hours</b>
ePortfolio (Gen 099)	0
English (ENG 101, 305)	6
Foreign Language (2 semesters including 203)	6
Oral Communication (COM 101)	3
Humanities (HUM 112, 213, 214, ENG 201)	12
Biblical Literature (BLIT 110, 120)	6
Theology (THE 103)	3
Laboratory Science	8
Mathematics (MAT 151)	3
American History (HIS 101)	3
American Government (GOV 101)	3
Social Sciences Elective (Choice of one of the following: PSY 201, MUS 208, SWK 202, SOC 101, SOC 201, SOC 323, BUS 201, FIN 244)	3

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

**General Education Total** 61

**Major**

WRT 304	Advanced Grammar and Usage	3
WRT 335	Technical Writing I	3
WRT 336	Technical Writing II	3
WRT	Concentration (literary or technical)	12
WRT 400	Writing Internship	3
MMC 107	Writing for Mass Media I	3
ENG 490	Senior Research	1
ENG 499	Senior Paper/Composition	2
PRF 320	Writing Major/Minor Proficiency	0

**Major Total** 30

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

**■ Literary Concentration (LITR)**

WRT 201	Introduction to Writing	3
WRT 331	Literary Writing I	3
WRT 332	Literary Writing II	3
<i>Choice of one of the following courses:</i>		3

MMC 104	Foundations in Mass Media Communication	
MMC 205	Writing for Mass Media II	
MMC 206	Mass Communication Workshop	
MMC 318	Fundamentals of Scriptwriting	
MMC 332	Journalism Seminar	
MMC 444	Feature Writing	
WRT 355	History of the English Language	
ENG 436	Contemporary Literature	
ENG 440	The Modern Period	
ENG 450	Literary Criticism	

**Literary Concentration Total** 12

**■ Technical Concentration (TECH)**

WRT 410	Desktop Publishing	2
MGT 341	Business Communication	3
<i>Choice of seven hours from the following:</i>		7

MMC 205	Writing for Mass Media II (3 hrs.)	
MMC 206	Mass Communications Workshop (3 hrs.)	
MMC 332	Journalism Seminar (3 hrs.)	
MMC 444	Feature Writing (3 hrs.)	
WRT 201	Introduction to Writing (3 hrs.)	
WRT 300	Workshop for Peer Tutor (1 hr.)	
WRT 331	Literary Writing I (3 hrs.)	
WRT 332	Literary Writing II (3 hrs.)	
WRT 355	History of the English Language (3 hrs.)	
WRT 400	Writing Internship (1-3 hrs.)	
WRT 450	Directed Study (1-3 hrs.)	
ART 440	Computer Graphics (3 hrs.)	

**Technical Concentration Total** 12

**Minor** 18

**Electives** 19

**Degree Total** 128

**ENGLISH EDUCATION MAJOR (ENGE) with Secondary School Teaching Licensure**

**Bachelor of Arts**

Students seeking licensure to teach at the secondary levels have two options: (1) completion of the art education major, which leads to standard certification or (2) completion of any other major in the English Department, which can lead to alternative certification. Students seeking alternative certification are encour-

aged, but not required, to pursue an education minor. One class at the graduate level is required for alternative certification in the state of Oklahoma; however, it is not required for graduation. Students seeking alternative certification need to check with the State Department of Education from any state in which they plan to teach in order to ensure they meet specific requirements for that state's alternative certification. Students interested in a teaching license should work closely with the advisor in the major department.

The English Education major meets public school licensure requirements for the State of Oklahoma. Licensure at the secondary level allows graduates to teach literature, writing, and grammar at the middle and high school levels.

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 course work toward additional licensing should consult the subject area advisor.

**General Education Credit Hours**

ePortfolio (Gen 099)	0
English (ENG 101, 305)	6
Oral Communication (COM 101)	3
Foreign Language (2 semesters including 203)	6
Humanities (HUM 112, 213, ENG 201)	9
Biblical Literature (BLIT 110, 120)	6
Theology (THE 103)	3
Laboratory Science (1 biological, 1 physical)	8
Mathematics (MAT 151)	3
American History (HIS 101)	3
American Government (GOV 101)	3
Social Sciences Elective (Choice of one of the following: PSY 201, MUS 208, SWK 202, SOC 101, SOC 201, SOC 323, BUS 201, FIN 244)	3

Health, Physical Education, and Recreation (Health Fitness I and II, Basic First Aid/CPR, swimming course or proficiency, five electives)

**General Education Total** 58

**Major**

WRT 300	Workshop for Peer Tutors	1
WRT 304	Advanced Grammar and Usage	3
WRT 355	History of the English Language	3
ENG 310	World Literature	3
ENG 311	English Literature I	3
ENG 312	English Literature II	3
ENG 323	American Literature I	3
ENG 324	American Literature II	3
ENG 351	Shakespeare	3
ENG 490	Senior Research	1
ENG 499	Senior Paper/Composition	2
ENG/WRT	Elective	3
COM/MMC	Elective	3

**Major Total** 34

**Professional Education**

PED 100	Education Seminar (every semester)	0
PED 121	Field Based Experience/Practicum (Secondary)	1
PED 203	Foundations and Methods of Education	3
PED 222	School Health Care	1
PED 313	Human Growth and Development	3
PED 361	Professional Education Seminar/Portfolio	1
PED 363	Educational Technology	3

PED 372	Classroom Management and Educational Law	3
PED 382	Educational Assessment	2
PED 485	Intern/Student Teaching: 7-9	5
PED 495	Intern/Student Teaching: 10-12	5
ENG 470	Teaching English	3
ESL 303	TESL Principles	3
SED 353	Introduction to Special Education Mild-Moderate Disabilities	3
<b>Professional Education Total</b>		<b>36</b>
<b>Degree Total</b>		<b>128</b>

## English Literature Minor (ENG)

The English minor is designed for students majoring in another discipline who desire a minor in English.

ENG 311	English Literature I	3
ENG 312	English Literature II	3
ENG 323	American Literature I	3
ENG 324	American Literature II	3
ENG	Electives (excluding ENG 112, 305)	6
<b>Minor Total</b>		<b>18</b>

## Writing Minor (WRT)

This minor is designed for students desiring to sharpen their writing skills or to prepare for careers that involve the written word.

WRT 304	Advanced Grammar and Usage	3
PRF 320	Writing Major/Minor Proficiency	0
WRT/ENG	Courses from literary or technical areas	15
<b>Minor Total</b>		<b>18</b>

Note: Students in the writing minor select courses from either literary or technical writing. All courses must be from one of the following two groups:

### Literary Writing

WRT 201	Introduction to Writing	3
WRT 331	Literary Writing I)	3
WRT 332	Literary Writing II	3
<i>Choice of six hours from the following:</i>		<b>6</b>
WRT 355	History of the English Language (3 hrs.)	
WRT 400	Writing Internship (1-3 hrs.)	
MMC 104	Foundations in Mass Media Communication (3 hrs.)	
MMC 107	Writing for Mass Media I (3 hrs.)	
MMC 205	Writing for Mass Media II (3 hrs.)	
MMC 206	Mass Communication Workshop (3 hrs.)	
MMC 318	Fundamentals of Scriptwriting (3 hrs.)	
MMC 444	Feature Writing (3 hrs.)	
ENG 201	Introduction to Literature (3 hrs.)	
ENG 436	Contemporary Literature (3 hrs.)	
ENG 440	The Modern Period (3 hrs.)	
ENG 450	Literary Criticism (3 hrs.)	

**Writing Minor: Literary Total** 15

### Technical Writing

WRT 335	Technical Writing I	3
WRT 336	Technical Writing II	3
WRT 400	Writing Internship	3
<i>Choice of six hours from the following:</i>		<b>6</b>
MMC 104	Foundations in Mass Media Communication.(3 hrs.)	
MMC 107	Writing for Mass Media I (3 hrs.)	

MMC 205	Writing for Mass Media II (3 hrs.)	
MMC 206	Mass Communication Workshop (3 hrs.)	
MMC 332	Journalism Seminar (3 hrs.)	
MMC 444	Feature Writing (3 hrs.)	
WRT 300	Workshop for Peer Tutors (1 hr.)	
WRT 331	Literary Writing I (3 hrs.)	
WRT 332	Literary Writing II (3 hrs.)	
WRT 355	History of the English Language (3 hrs.)	
WRT 410	Desktop Publishing (2 hrs.)	
MGT 341	Business Communication (3 hrs.)	
ART 440	Computer Graphics (3 hrs.)	
COM 300	Organizational Communication (3 hrs.)	
COM 442	Advertising Principles: Design and Layout (3 hrs.)	

**Writing Minor: Technical Total** 15

## Awards and Scholarships

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

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

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

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

## Course Offerings

Descriptions of the courses listed below are in the section titled Course Descriptions at the end of this catalog. Course descriptions are listed in alphabetical order by the prefix.

### English

ENG 100	College Reading and Writing
ENG 101	Reading and Writing in the Liberal Arts
ENG 112	Reading and Writing Lab
ENG 201	Introduction to Literature
ENG 305	Critical Reading and Writing
ENG 310	World Literature
ENG 311	English Literature I
ENG 312	English Literature II
ENG 323	American Literature I
ENG 324	American Literature II
ENG 351	Shakespeare
ENG 352	Major Writers
ENG 359	English Medieval Period: 650-1500
ENG 370	American Romantic Period
ENG 371	American Realists and Naturalists
ENG 420	English Romantic Period: 1798-1832
ENG 421	English Victorian Period
ENG 436	Contemporary Literature
ENG 440	The Modern Period
ENG 450	Literary Criticism
ENG 451	Departmental Seminar
ENG 470	Teaching English
ENG 490	Senior Paper Research
ENG 499	Senior Paper/Composition

### Reading

READ 100 Preparation for College Reading

### Writing

WRT 201	Introduction to Writing
WRT 300	Workshop for Peer Tutors
WRT 304	Advanced Grammar and Usage
WRT 331	Literary Writing I
WRT 332	Literary Writing II
WRT 335	Technical Writing I
WRT 336	Technical Writing II
WRT 355	History of the English Language
WRT 400	Writing Internship
WRT 410	Desktop Publishing
WRT 450	Directed Study

# HEALTH, PHYSICAL EDUCATION, AND RECREATION DEPARTMENT

Fritz Huber, Ed. D., *Chair*

The health, physical education, and recreation program is an integral part of the University's whole-person philosophy. Its objectives are (1) to develop aerobic fitness and to maintain a strong and healthy body through proper physical activity and good health habits; (2) to acquaint the student with the knowledge necessary to participate in a variety of physical activities; (3) to aid the student in acquiring skills in lifetime sports and recreational activities; (4) to provide a climate in which the student may achieve habits of initiative, self-responsibility, and loyalty, and learn to live socially and cooperatively with others; (5) to acquaint the student with a continuing program of lifetime health and fitness; and (6) to provide a curriculum through which a student may qualify for certification to teach or to work in numerous fields of health, physical education, and recreation.

ORU was founded on a concept of education for the whole person, equally emphasizing the development of the mind, spirit, and body. For that reason, each ORU student is required to pass a physical education activity course each semester and to pursue an individual fitness program. Each physical education activity course may be taken only twice for credit toward fulfilling the physical education requirement for graduation.

The ORU program focuses on the concept of aerobics, a physical-fitness program designed by Dr. Kenneth H. Cooper, a former Air Force physician and innovator of the exercise program used by the astronauts. It is a program designed to increase the capacity of the heart, lungs, and blood vessels through a calculated series of exercises that emphasizes walking, running, swimming, and cycling. These exercises require one to breathe harder and faster. The greater the oxygen intake, the harder the heart and lungs must work. The more these organs work, the stronger they become. This reduces the chances of heart disease and related physical ailments later in life.

In addition to the physical activity courses and aerobics requirements for all students, the Health, Physical Education, and Recreation Department offers

three majors: (1) health and exercise science, (2) health and physical education, and (3) recreation administration. In addition, for those interested in sports preventive medicine or rehabilitation, emphases in pre-physical therapy and presports medicine are offered.

The requirements for the bachelor of science degree with a major in HPER are 128 to 129 semester hours and two student assistantships.

## HEALTH AND EXERCISE SCIENCE MAJOR (HES)

### Bachelor of Science

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

General Education	Credit Hours
ePortfolio (Gen 099)	0
English (ENG 101, 305)	6
Oral Communication (COM 101)	3
Humanities (HUM 111, 112, 213, 214)	12
Biblical Literature (BLIT 110, 120)	6
Theology (THE 103)	3
Laboratory Science (CHE 101 or 111,* PHS 223, and PHS 224)	12
Mathematics** (MAT 232 or MAT 201)	3-4
American History (HIS 101)	3
American Government (GOV 101)	3
Social Sciences Elective*** (Choice of one of the following: PSY 201, MUS 208, SWK 202, SOC 101, SOC 201, SOC 323, BUS 201, FIN 244)	3
Health, Physical Education, and Recreation (Health Fitness I and II; Weight Training; Swim Conditioning or Lifeguarding; Racquetball; Creative Aerobics, Step Aerobics, Pilates, or Body Sculpting; and two elective activities)	5
<b>General Education Total</b>	<b>59-60</b>

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

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

\*\*\*The prephysical therapy concentration students need to take PSY 201 for the social sciences elective.

### Major

HPER 200 Introduction to HPER	3
HPER 231 Personal Health Science	3
HPER 233 Safety and First Aid	3
HPER 315 Program Administration	3
HPER 316 Kinesiology and Biomechanics	3
HPER 320 Prevention and Care of Sports Injuries	3
HPER 324 Exercise Physiology	3
HPER 402 Exercise Prescription for Special Populations	3
HPER 412 Techniques of Health Fitness Evaluation	3
HPER 499 Research in HPER (Senior Paper)	3
<b>Major Total</b>	<b>30</b>

### Cognate

CSC 112 Microcomputing Applications for Business	3
NUT 201 Nutrition	3
<b>Cognate Total</b>	<b>6</b>

All health and exercise science majors take the above general education, the cognate, major courses, and choose one of the three concentrations listed below.

### ■ Exercise Specialist Concentration (ES)

HPER 481 Internship in Health and Exercise Science	12
<b>Specialist Concentration Total</b>	<b>12</b>
<b>Minor and/or Electives</b>	<b>21</b>
<b>Degree Total</b>	<b>128</b>

### ■ Prephysical Therapy Concentration (PT)

BIO 111 Introductory Biology I (lecture and lab)	4
CHE 112 Chemistry II (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
SOC 101 Introduction to Sociology	3
BIO 459 Scientific Terminology	1
HPER 481 Internship in Health and Exercise Science	5
<b>Prephysical Therapy Concentration Total</b>	<b>28</b>
<b>Electives</b>	<b>5</b>
<b>Degree Total</b>	<b>128</b>

### ■ Presports Medicine Concentration (PM)

BIO 111 Introductory Biology I (lecture and lab)	4
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
PHY 101 General Physics I (lecture and lab)	4
PHY 102 General Physics II (lecture and lab)	4
HPER 481 Internship in Health and Exercise Science	5
<b>Presports Medicine Concentration Total</b>	<b>33</b>
<b>Degree Total</b>	<b>129</b>

## RECREATION ADMINISTRATION MAJOR (HPR)

### Bachelor of Science

General Education	Credit Hours
ePortfolio (Gen 099)	0
English (ENG 101, 305)	6
Oral Communication (COM 101)	3
Humanities (HUM 111, 112, 213, 214)	12
Biblical Literature (BLIT 110, 120)	6
Theology (THE 103)	3
Laboratory Science (lecture and lab)	8
Mathematics (MAT 151)	3
American History (HIS 101)	3

American Government (GOV 101)	3
Social Sciences Elective (Choice of one of the following: PSY 201, MUS 208, SWK 202, SOC 101, SOC 201, SOC 323, BUS 201, FIN 244)	3
Health, Physical Education, and Recreation (Health Fitness I and II, swimming course or proficiency, six electives)	5
<b>General Education Total</b>	<b>55</b>

### Major

HPER 200 Introduction to HPER	3
HPER 202 Introduction to Leisure Services	3
HPER 231 Personal Health Science	3
HPER 233 Safety and First Aid	3
HPER 315 Program Administration	3
HPER 331 Outdoor Recreation and Camping	3
HPER 343 Recreational Leadership and Activities	3
HPER 344 Recreation Programming	3
HPER 350 Theory and Analysis of Teaching Golf/Music Aerobics	2
HPER 351 Theory and Analysis of Teaching Tennis/Badminton/Pickleball	2
HPER 352 Theory and Analysis of Teaching Softball/Football/Basketball	2
HPER 353 Theory and Analysis of Teaching Soccer/Volleyball	2
HPER 354 Theory and Analysis of Teaching Track and Field/Weight Training	2
HPER 356 Theory and Analysis of Teaching Aquatics	2
HPER 482 Internship in Recreation Administration	5
HPER 499 Research in HPER (Senior Paper)	3
<b>Major Total</b>	<b>44</b>

### Cognate

CSC 112 Microcomputing Application in Business	3
<b>Cognate Total</b>	<b>3</b>
<b>Minor and/or Electives</b>	<b>26</b>
<b>Degree Total</b>	<b>128</b>

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

### Bachelor of Science

Students seeking licensure to teach at the K-12 levels have two options: (1) completion of the health and physical education major, which leads to standard certification or (2) completion of any other major in the HPER Department, which can lead to alternative certification. Students seeking alternative certification are encouraged, but not required, to pursue an education minor. One class at the graduate level is required for alternative certification in the state of Oklahoma; however, it is not required for graduation. Students seeking alternative certification need to check with the State Department of Education from any state in which they plan to teach in order to ensure they meet specific requirements for that state's alternative certification. Students interested in a teaching license should work

closely with the advisor in the major department.

This degree is designed for students wanting to teach physical education in private or public schools. The program meets the requirements for the State of Oklahoma's teaching license for elementary through high school grades in this field.

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

<b>General Education</b>	<b>Credit Hours</b>
ePortfolio (Gen 099)	0
English (ENG 101, 305)	6
Oral Communication (COM 101)	3
Humanities (HUM 111, 112, 213, 214)	12
Biblical Literature (BLIT 110, 120)	6
Theology (THE 103)	3
Physical Science (lecture and lab)	4
Biological Science (HPER 319 lecture and lab)	4
Mathematics (MAT 151)	3
American History (HIS 101)	3
American Government (GOV 101)	3
Foreign Language Proficiency PRF 001 (exam or 102 level of a foreign language class)	0
Social Sciences Elective (Choice of one of the following: PSY 201, MUS 208, SWK 202, SOC 101, SOC 201, SOC 323, BUS 201, FIN 244)	3
Health, Physical Education, and Recreation (Health Fitness I and II, swimming course or proficiency, six electives)	5
<b>General Education Total</b>	<b>55</b>

#### Major

HPER 200 Introduction to HPER	3
HPER 231 Personal Health Science	3
HPER 233 Safety and First Aid	3
HPER 314 Motor Learning, Games, and Adaptive PE	3
HPER 316 Kinesiology and Biomechanics	3
HPER 320 Prevention and Care of Sports Injuries	3
HPER 324 Exercise Physiology	3
HPER 350 Theory and Analysis of Teaching Golf/Music Aerobics	2
HPER 351 Theory and Analysis of Teaching Tennis/Badminton/Pickleball	2
HPER 352 Theory and Analysis of Teaching Softball/Football/Basketball	2
HPER 353 Theory and Analysis of Teaching Soccer/Volleyball	2
HPER 354 Theory and Analysis of Teaching Track and Field/Weight Training	2
HPER 356 Theory and Analysis of Teaching Aquatics	2
<b>Major Total</b>	<b>33</b>

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

#### Professional Education

PED 100 Education Seminar (every semester)	0
Choice of one of the field-based courses:	1
PED 111 Field-Based Experience-(Elementary)	
PED 121 Field-Based Experience-(Secondary)	
PED 203 Foundations and Methods of Education	3
PED 222 School Health Care	2
PED 313 Human Growth and Development	3

PED 361 Prof Education Seminar/Portfolio	1
PED 363 Educational Technology	3
PED 372 Classroom Management and Educational Law	3
PED 475 Intern/Student Teaching: Elementary	5
PED 495- Intern/Student Teach: 10-12	5
HPER 452 HPER Methods and Evaluation	3
ESL 303 TESL Principles	3
SED 353 Introduction to Special Education Mild-Moderate Disabilities	3
<b>Professional Education Total</b>	<b>35</b>
<b>Electives</b>	<b>5</b>

#### Degree Total

128

## Health and Exercise Science Minor (HES)

This program is designed for students majoring in another discipline who desire a minor in health promotion and applied exercise physiology.

HPER 233 Safety and First Aid	3
HPER 316 Kinesiology and Biomechanics	3
HPER 319 Applied Anatomy and Physiology	4
HPER 324 Exercise Physiology	3
HPER 412 Techniques of Health Fitness Evaluation	3
HPER Electives (upper division)	2
<b>Minor Total</b>	<b>18</b>

## Recreation Administration Minor (HPR)

HPER 202 Introduction to Leisure Services	3
HPER 315 Program Administration	3
HPER 331 Outdoor Recreation and Camping	3
HPER 343 Recreation Leadership and Activities	3
HPER 344 Recreation Programming	3
HPER Electives (upper division)	3
<b>Minor Total</b>	<b>18</b>

## Awards

In recognition of scholarship, leadership, and ORU lifestyle commitment, the Health, Physical Education, and Recreation Department annually honors outstanding students by the presentation of the following awards:

**Outstanding Senior Award:** This recognizes the department's most worthy graduating senior in each of the majors: health and physical education, health and exercise science, and recreation administration.

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

## Course Offerings

Descriptions of the courses listed below are in the section titled Course Descriptions at the end of this catalog. Course descriptions are listed in alphabetical order by the prefix.

### Health, Physical Education, and Recreation

HPER 001 Health Fitness I	
HPER 002 Health Fitness II	
HPER 003-150 General Education Physical Activity Courses (listed after the course offerings)	
HPER 200 Introduction to Health, Physical Education, and Recreation	
HPER 202 Introduction to Leisure Services	
HPER 228 Theory of Coaching	
HPER 231 Personal Health Science	
HPER 233 Safety and First Aid	
HPER 314 Motor Learning, Games, and Adaptive PE	
HPER 315 Program Administration	
HPER 316 Kinesiology and Biomechanics	
HPER 319 Applied Anatomy and Physiology	
HPER 320 Prevention and Care of Sports Injuries	
HPER 324 Exercise Physiology	
HPER 331 Outdoor Recreation and Camping	
HPER 343 Recreational Leadership and Activities	
HPER 344 Recreation Programming	
HPER 350 Theory and Analysis of Teaching Golf/Music Aerobics	
HPER 351 Theory and Analysis of Teaching Tennis/Badminton/Pickleball	
HPER 352 Theory and Analysis of Teaching Softball/Football/Basketball	
HPER 353 Theory and Analysis of Teaching Soccer/Volleyball	
HPER 354 Theory and Analysis of Teaching Track and Field/Weight Training	
HPER 356 Theory and Analysis of Teaching Aquatics	
HPER 361 Developmental Adapted Physical Education	
HPER 402 Exercise Prescription For Special Populations	
HPER 412 Techniques of Health Fitness Evaluation	
HPER 451 Directed Study	
HPER 452 HPER Methods and Evaluation	
HPER 481 Internship in Health and Exercise Science	
HPER 482 Internship in Recreation Administration	
HPER 499 Research in HPER (Senior Paper)	
<b>Graduate Health, Physical Education,</b>	
GHPE 503/703 Graduate Health Fitness	
GHPE 515/715 Graduate Aerobics	
GHPE 525/725 Graduate Walk for Fitness	
<b>Physical Activity Courses (.5 or 1.0 credit)</b>	
Adapted Physical Education	
Aerobics Fitness Club	
Aerobics Proficiency	
Aquatic Exercise	
Backpacking	
Badminton	
Basic First Aid and CPR	
Body Sculpting	
Bowling	
Creative Aerobics	
Equestrian	
Exercise and Weight Control	
Fitness for Life	
Golf	
Gymnastics	
Lifeguarding	
Mountain Biking	
Pilates for Christians	
Racquetball	
Scuba	
Self-Defense	

- Step Aerobics
- Swim Conditioning
- Swimming
- Tennis
- Total Conditioning
- Varsity Sports
- Volleyball
- Walking for Fitness
- Weight Training

# HISTORY, HUMANITIES, AND GOVERNMENT DEPARTMENT

John Swails, Ph.D., *Chair*

Civilization is founded on history, for a civilized human being is one who holds values that are irrelevant without perspective. Oral Roberts University is charismatic, and its history program is based on both human and spiritual truth. History provides both record and interpretation without which perspective is impossible. Perspective provides insight into why present institutions and society are what they are. Analysis of the whys of the past suggests actions that may be expected to produce positive changes in contemporary institutions and society.

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

## Prelaw

ORU does not have a prelaw major, but some prelaw students elect to complete the prelaw studies concentration in the government major. Other prelaw students choose an appropriate major, almost always history or government with the prelaw concentration, though other majors such as English or business may be chosen. One of the social science majors is also a good choice for prelaw students to select because it helps them develop conceptual, analytical, reading comprehension, writing, and research skills so essential to law study. In addition, prelaw students should choose a minor that would strengthen their background for law, such as government, history, English, sociology, business, or languages.

A faculty member in the History, Humanities, Government Department serves as the university-wide prelaw advisor for every prelaw student, no matter what major is selected. The prelaw advisor is responsible for planning the prelaw course of study, which is individually tailored to meet each student’s specific career goals. The prelaw advisor meets regularly with each prelaw student to discuss the student’s academic progress. The prelaw advisor has information about a wide variety of law schools in all parts of the country.

Students interested in prelaw should call the department to be assigned to a prelaw advisor.

## Government Clubs and Organizations

Among the various government-oriented clubs and organizations at ORU that are available for students to become active in is Oklahoma Intercollegiate Legislature (O.I.L.), which is a mock legislature assembly held each semester in Oklahoma City, and Model United Nations (M.U.N.), a mock United Nations assembly held each fall semester. For O.I.L., the government major, minor, or other student can receive up to 2 credits per semester of participation, but not to exceed four full credit hours. Faculty members in the History/Humanities/Government Department can provide more information.

In addition to participation in clubs and organizations, the government student may take part in other yearly activities, including the Leadership Conference trip to Washington, D.C., in January, and the Oklahoma Scholar Leadership Enrichment Program (OSLEP), which holds academic seminars in Oklahoma City throughout the academic year.

## Model United Nations

Model United Nations (M.U.N.) is a conference held in the fall semester of each academic year. ORU sends a delegation to the conference to represent a different nation, such as Russia, 1998; Cuba, 1999; France, 2000; and Japan, 2001. Although competition is keen, each student majoring in international relations is encouraged to participate and thereby receive credit for GOV 488 while gaining valuable hands-on experience.

## History Honors Society

History and social studies education majors with honors standing may join the Phi Alpha Theta chapter at ORU. Senior papers can be entered into the annual conference in which all Oklahoma colleges and universities participate.

## Special Humanities Classes

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

## HISTORY MAJOR (HIS)

*Bachelor of Arts*

The ORU history major may select from a variety of areas that provide EITHER a traditional concentrated degree OR an integrated, focused-area degree, selected to prepare for service in “every person’s world.” For success in today’s professions the ORU graduate requires historical-cultural understanding to best minister healing for the totality of human needs. This department can provide that understanding.

Any ORU professional, vocational, or liberal arts major should strongly consider a history minor or at least specific related area studies that support historical-cultural understanding of the chosen life’s work. Our charismatic faculty provides professional training with this added dimension.

The ORU required general education core curriculum is the foundation on which each ORU student may build a charismatic Christian worldview and image of mankind in harmony with the distinctive founding purpose of the University. Dedicated, called scholars can gain a deeper historical-cultural focus from study of departmental minor and area concentrations. Thus equipped, their service will be more effective and personally fulfilling.

<i>General Education</i>	<i>Credit Hours</i>
ePortfolio (Gen 099)	0
English (ENG 101, 305)	6
Foreign Language (2 semesters including 203) (French or German preferred for European history major; French or Spanish for American history)	6
Oral Communication (COM 101)	3
Humanities (HUM 111, 112, 213, 214)	12
Biblical Literature (BLIT 110, 120)	6
Theology (THE 103)	3
Laboratory Science	8
Mathematics	3
American History (HIS 101)	3
Government (GOV 101)	3
Social Sciences Elective (Choice of one of the following: PSY 201, MUS 208, SWK 202, SOC 101, SOC 201, SOC 323, BUS 201, FIN 244)	3
Health, Physical Education, and Recreation (Health Fitness I and II, swimming course or proficiency, six electives)	5
<b>General Education Total</b>	<b>61</b>

<i>Major</i>	
HIS 201	Historical Methods and Research: Roots, Rationale, and Resources—Introduction to History 3
HIS	Area Studies* 24
HIS 499	Senior Paper/Project 3
<b>Major Total</b>	<b>30</b>

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

<i>Minor</i>	
Students choose a minor after consulting with an advisor. Appropriate examples include government, humanities, business, English, or a foreign language. Some students may use elective hours to complete a second minor.	
<b>Minor Total</b>	18
<b>Electives</b>	19
<b>Degree Total</b>	<b>128</b>

## GOVERNMENT MAJOR (GOV)

*Bachelor of Arts*

Government examines power and authority relations in human communities including their foundations, their institutional organization, and how they are used to make public policy. Government is the study of how people govern and are governed—and with what results—in cities, states, and nations.

A government major at ORU helps prepare students for careers in several fields by emphasizing breadth of knowledge about national and world affairs, especially analyzing them in the light of Judeo-Christian values and principles, analytical reading and advanced writing skills, and ability to use a variety of research skills. When combined with an appropriate graduate degree (J.D., Ph.D., M.P.A., etc.), study of government is an excellent preparation for law, business, journalism, Christian ministries and missions, and other fields. Since political decision-making touches all aspects of life, its study opens new perspectives for all Christian citizens and professionals.

<b>General Education</b>	<b>Credit Hours</b>
ePortfolio (Gen 099)	0
English (ENG 101, 305)	6
Foreign Language (2 semesters including 203)	6
Oral Communication (COM 101)	3
Humanities (HUM 111, 112, 213, 214)	12
Biblical Literature (BLIT 110, 120)	6
Theology (THE 103)	3
Laboratory Science	8
Mathematics (MAT 232)	3
American History (HIS 101)	3
American Government (GOV 101)	3
Social Sciences Elective (Choice of one of the following: PSY 201, MUS 208, SWK 202, SOC 101, SOC 201, SOC 323, BUS 201, FIN 244)	3
Health, Physical Education, and Recreation (Health Fitness I and II, swimming course or proficiency, six electives)	5
<b>General Education Total</b>	<b>61</b>

#### Major

GOV 201 Introduction to Political Science	3
GOV 205 Political Science Research	3
GOV 331 Western Political Theory	3
GOV 335 Christian Faith and Government: Theory	3
GOV 336 Christian Faith and Government: Practicum	3
GOV 498 Senior Paper Preparation	1
GOV 499 Senior Paper/Project	2
GOV Government electives or concentration (maximum six hours from GOV 479, 487, 488, and 489 combined)	12
<b>Major Total</b>	<b>30</b>
<b>Minor Total</b>	<b>18</b>
<b>Electives</b>	<b>19</b>
<b>Degree Total</b>	<b>128</b>

#### Concentrations

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

#### ■American Studies Concentration (AMER)

<i>Choice of twelve hours from the following:</i>	12
GOV 322 Political Parties and Elections (3 hrs.)	
GOV 323 American Political Leadership (3 hrs.)	
GOV 341 Public Administration (3 hrs.)	
GOV 479 Readings in Government (3 hrs.)	
GOV 461 Public Policy Analysis (3 hrs.)	
GOV 489 American Studies Internship (1-3 hrs.)	
HIS 451 Department Seminar: American (3 hrs.)	
<b>Concentration Total</b>	<b>12</b>

#### ■International Relations Concentration (INTL)

<i>Choice of twelve hours from the following:</i>	12
GOV 305 Comparative Government (3 hrs.)	
GOV 311 International Relations (3 hrs.)	
GOV 370 Area Studies (3 hrs.)	
GOV 381 American Foreign Policy (3 hrs.)	
GOV 391 International Political Economy (3 hrs.)	
GOV 479 Readings in Government (3 hrs.)	
GOV 488 Model United Nations Internship (1-3 hrs.)	
HIS Department Seminar (3 hrs.)	
<b>Concentration Total</b>	<b>12</b>

#### ■Prelaw Studies Concentration (PLAW)

<i>Choice of four of the following courses:</i>	12
GOV 450 American Jurisprudence (3 hrs.)	
GOV 451 American Constitutional Law (3 hrs.)	
GOV 452 Civil Liberties and Civil Rights (3 hrs.)	
GOV 453 Criminal Procedures (3 hrs.)	
BUS 325 Business Law I (3 hrs.)	
BUS 326 Business Law II (3 hrs.)	
<b>Concentration Total</b>	<b>12</b>
<b>Degree Total</b>	<b>128</b>

## INTERNATIONAL RELATIONS MAJOR (INR)

### Bachelor of Arts

The international relations major is designed for students interested in learning about and/or pursuing a career in diplomacy and regionalized and international politics. The major also includes studies in economics, theology, and linguistics and requires a major in one of the modern languages offered (French, German, Spanish, Hebrew). The 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.

<b>General Education</b>	<b>Credit Hours</b>
ePortfolio (Gen 099)	0
English (ENG 101, 305)	6
Oral Communication (COM 101)	3
Humanities (HUM 111, 112, 213, 214)	12
Biblical Literature (BLIT 110, 120)	6
Theology (THE 103)	3
Laboratory Science	8
Mathematics	3
American History (HIS 101)	3
American Government (GOV 101)	3
Social Sciences Elective (Choice of one of the following: PSY 201, MUS 208, SWK 202, SOC 101, SOC 201, SOC 323, BUS 201, FIN 244)	3
Health, Physical Education, and Recreation (Health Fitness I and II, swimming course or proficiency, six electives)	5
<b>General Education Total</b>	<b>55</b>

#### Major

GOV 201 Introduction to Political Science	3
GOV 205 Political Science Research	3
GOV 305 Comparative Government	3
GOV 311 International Relations	3

GOV 331 Western Political Theory	3
GOV 335 Christian Faith and Government: Theory	3
GOV 391 International Political Economy	3
GOV 498 Senior Paper Preparation	1
GOV 499 Senior Paper/Project	2
<i>Choice of two courses from the following:</i>	6
HIS 361 Colonial Latin America	
HIS 362 Survey of Latin America	
HIS 371 Islamic Middle East	
HIS 372 Ancient Near East	
HIS 473 Rise of Modern Israel	
HIS 381 Modern China and Japan	
HIS 382 History of India and Southeast Asia	
GOV 370 Area Studies	
GOV 479 Readings in Government	
GOV 381 American Foreign Policy	
GOV 488 Model United Nations Internship	

#### Major Total

30

<b>Cognate</b>	
THE 303 Major Religions of the World	3
SOC 308 Cultural Anthropology	3
ESL 413 Cross Cultural Communications	3

#### Cognate Total

9

<b>Foreign Language Minor* Total Electives</b>	<b>19</b>
	<b>15</b>

#### Degree Total

128

\*Requirements for a foreign language minor are listed in the Modern Foreign Languages section of this catalog. Students with previous language experience may participate in the test-out program for majors and minors, thereby accelerating the completion of their minor. The Modern Foreign Languages Department has more information.

## INTERNATIONAL COMMUNITY DEVELOPMENT MAJOR (ICD)

### Bachelor of Arts

International/Community Development is an interdisciplinary degree program in practical missions, preparing graduates to address not only spiritual but also educational, economic, medical, and physical needs. The major draws from several schools and departments within the University. Besides general education, the ICD major includes 30 hours in the major and a choice of two areas of study, 18 hours in each. This major does not lead to a teaching license, nor is it a teacher certification area.

A major in ICD is preparation to work in a helping capacity. This may be done through churches, established 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.

<b>General Education</b>	<b>Credit Hours</b>
ePortfolio (Gen 099)	0
English (ENG 101, 305)	6
Foreign Language (2 semesters including 203)	6
Oral Communication (COM 101)	3

Humanities (HUM 111, 112, 213, 214)	12
Biblical Literature (BLIT 110,120)	6
Theology (THE 103)	3
Sociology (SOC 201)	3
Laboratory Science (lecture and lab)	8
Mathematics (MAT 232 or 151)	3
American History (HIS 101)	3
American Government (GOV 101)	3
Health, Physical Education, and Recreation (Health Fitness I and II, Basic First Aid/CPR, swimming course or proficiency, six electives)	5

**General Education Total** 61

**Major**

IS 350 Internship in ICD	3
IS 391 Seminar in ICD	3
IS 499 Senior Seminar and Paper	3
MISS 325 Introduction to Christian Missions	3
ESL 413 Cross-Cultural Communication	3
ENV 250 Environmental Science	3
HPER 233 Safety and First Aid	3
IS 370 Problems in ICD	3
ICD Elective	3

*Choice of one of the following two courses:*

CSC 112 Microcomputing Applications in Business	3
PED 363 Educational Technology	3

**Major Total** 30

Note: All students working on an ICD major must choose two of the following areas of study: business, the HEART Program, TESL, church ministries, a foreign language, a region, or another area approved by the ICD advisor.

**Business**

Additional information for this area is available from the School of Business.

ACT 215 Principles of Financial Accounting I	3
ACT 216 Principles of Financial and Managerial Accounting II	3
FIN 338 Financial Management	3
BUS 451 International Business	3

*Choice of two from the following:*

ACT 327 Intermediate Accounting I	6
ACT 328 Intermediate Accounting II	
ACT 432 Managerial Cost Accounting	
ACT 442 Federal Income Tax Accounting	
BUS 201 Principles of Economics I	
BUS 102 Principles of Economics II	
BUS 325 Business Law I	
BUS 326 Business Law II	
BUS 451 Entrepreneurship	
MGT 130 Principles of Management	
MKT 130 Principles of Marketing	

**Business Total** 18

**The HEART Program**

The required courses in this area of study are transfer courses from participating in one semester of the HEART Institute in Lake Wales, Florida. These courses are not available on campus at ORU. Additional information for this area is available from the History/Humanities/Government Department.

HRT 410 Appropriate Technology*	3
HRT 420 Small Animal Husbandry*	3
HRT 430 Sustainable Agriculture*	3
HRT 440 Primary Health*	2
HRT 450 Nutrition and Food Technology*	2

HRT 460 Cross-Cultural Communication and Community Development*	3
HRT470 HEART Project*	2
<b>HEART Total</b>	<b>18</b>

\*Offered at HEART Institute in Lake Wales, Florida, only.

**Teaching English as a Second Language (TESL)**

Additional information about TESL is available from the School of Education.

ESL 303 TESL Principles	3
ESL 315 Descriptive Linguistics	3
ESL 316 Sociolinguistics	3
ESL 343 TESL Methods and Materials	3
ESL 353 TESL Curriculum Design	3
ESL 453 Structure of Modern English	3

**TESL Total** 18

**Church Ministries**

Additional information is available from the Theology Department.

CHRM 304 Educational Ministries of the Church	3
CHRM 335 Introduction to Evangelism	3
CHRM 402 Discipleship and Small Groups	3
THE 303 Major Religions of the World	3
<i>Choice of two courses from the following:</i>	<b>6</b>
BIB 400 Hermeneutics	
CHRM 305 Teaching the Bible*	
CHRM 340 Sermon Preparation and Preaching*	
CHRM 430 Evangelism and the Local Church	
MISS 300 History of Missions	
THE 401 Christian Ethics	

**Church Ministries Total** 18

\*Note: These courses have prerequisites.

**Foreign Language**

A total of 18 hours of foreign language course work (above the 101 level) in the same language is required for this area of study. Additional information is available from the Modern Foreign Language Department.

**Country/Regional Studies**

The Council of Christian Colleges and Universities sponsors semester-long international study and internship programs. These programs are held in the country of interest and involve language, history, and cultural study. Participation in these programs transfers into ORU residential credits. The programs require application a semester in advance of participation. The ICD advisor has additional information. Current areas include Central America (agricultural and business, China, Russia, and Egypt (Middle East studies).

**Other Areas of Study**

Other possible areas of study include environmental studies, education and nonprofit management. The International/Community Development major is a flexible program. Interested students should talk to their advisors about other areas of study or contact the ICD advisor in the History/Humanities/Government Department.

**Elective** 1

**Degree Total** 128

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

Students seeking licensure to teach at the secondary levels have two options: (1) completion of the social studies education major, which leads to standard certification or (2) completion of any other major in the History/Humanities/Government Department, which can lead to alternative certification. Students seeking alternative certification are encouraged, but not required, to pursue an education minor. One class at the graduate level is required for alternative certification in the state of Oklahoma; however, it is not required for graduation. Students seeking alternative certification need to check with the State Department of Education from any state in which they plan to teach in order to ensure they meet specific requirements for that state's alternative certification. Students interested in a teaching license should work closely with the advisor in the major department.

The social studies education major cuts across subject fields, thus allowing the graduate to teach middle and secondary school classes in civics, democracy, economics, government, United States history, world history, Oklahoma history, and sociology.

Students in this major should keep in close contact with the Social Studies Education faculty advisor to learn of any recent changes in state teaching certification requirements.

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

<b>General Education</b>	<b>Credit Hours</b>
ePortfolio (Gen 099)	0
English (ENG 101, 305)	6
Foreign Language (2 semesters including 203)	6
Oral Communication (COM 101)	3
Humanities (HUM 111, 112, 213, 214)	12
Biblical Literature (BLIT 110, 120)	6
Theology (THE 103)	3
Laboratory Science (biology and physical science)	8
Mathematics (MAT 151)	3
Social Sciences (SOC 323)	3
Health, Physical Education, and Recreation (Health Fitness I and II, Basic First Aid/CPR, swimming course or proficiency, four electives)	4.5

**General Education Total** 54

**Major**

HIS 101 American History	3
HIS 310 Oklahoma History	3
HIS Elective	3
HIS 499 Senior Paper	3
GEO 307 Cultural Geography	3
GOV 101 American Government and Politics	3
BUS 201 Principles of Economics I	3
<i>Choice of three courses from the following:</i>	<b>9</b>
HIS 341 Colonial America: The English Colonies, 1607-1763	
HIS 343 Civil War and Reconstruction U.S., 1830-1877	

HIS 344	Early Modern United States: World War I-Gilded Age to World War I	
HIS 345	U.S. Since 1929	
HIS 347	U.S. Social and Intellectual History	
<i>Choice of two courses from the following:</i>		
HIS 331	Middle Ages and the Renaissance, 1476-1530	6
HIS 332	Age of the Reformation, 1450-1648	
HIS 333	Early Modern Europe, 1648-1815	
HIS 334	Europe, 1815-1914	
HIS 335	Europe, 1914-Present	
<i>Choice of one course from the following:</i>		
HIS 337	Russia and the Soviet Union	3
HIS 361	Colonial Latin America	
HIS 381	Modern China and Japan	
HIS 473	The Rise of Modern Israel	
<b>Major Total</b>		<b>39</b>

**Professional Education**

PED 100	Education Seminar (every semester)	0
PED 121	Field Base Experience/ Practicum (Secondary)	1
PED 203	Foundations and Methods of Education	3
PED 222	School Health Care	1
PED 313	Human Growth and Development	3
PED 361	Professional Education Seminar/ Portfolio	0
PED 363	Educational Technology	3
PED 372	Classroom Management and Educational Law	3
PED 382	Educational Assessment	2
PED 485	Intern/Student Teaching: 7-9	5
PED 495	Intern/Student Teaching: 10-12	5
HIS 477	Secondary Methods: Social Studies	3
ESL 303	TESL Principles	3
SED 353	Introduction to Special Education: Mild-Moderate Disabilities	3
<b>Professional Education Total</b>		<b>35</b>
<b>Degree Total</b>		<b>128</b>

**Government Minor (GOV)**

GOV 201	Introduction to Political Science	3
GOV 331	Western Political Theory	3
GOV 335	Christian Faith and Government: Theory	3
<i>Choice of one of the following two courses:</i>		
GOV 305	Comparative Government	3
GOV 381	American Foreign Policy	
GOV	Electives	6
(Maximum of 6 hours chosen from internships, special government courses, or from any one of the three areas of concentration)		
<b>Minor Total</b>		<b>18</b>

**History Minor (HIS)**

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

**International Relations Minor (INR)**

GOV 201	Introduction to Political Science	3
GOV 311	International Relations	3
HIS	Elective from Europe or Middle East regions	3
HIS	Elective from Asia or Latin American regions	3
<i>Choice of two from the following:</i>		
GOV 305	Comparative Government	6
GOV 370	Area Studies	
GOV 381	American Foreign Policy	
GOV 391	International Political Economy	
GOV 479	Readings in Government	
GOV 488	Model United Nations Internship	
<b>Minor Total</b>		<b>18</b>

**Humanities Minor (HUM)**

Humanities at ORU emphasizes a way of seeing and a method of studying human cultural expressions and activities. We believe that the worldview and resultant image of man that are widespread in a given time and place are the dominant forces that shape political theory and institutions, social and economic activities and patterns, and other cultural forms. In turn, these institutions, patterns, forms, and ideas modify the worldview in dynamic ways.

The humanities minor can help students grasp the interrelations in a culture among assumptions, ideas, and actions. Such a way of seeing can help parents, lawyers, teachers, pastors, businessmen, doctors, and missionaries understand the multiple forces that are shaping their own lives, the lives of their children, and the people whom they serve. The humanities minor can enrich the life and service of any person.

**Prerequisites**

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

**Minor**

HUM 213	Modern Humanities I	3
HUM 214	Modern Humanities II	3
<i>Choice of four courses from the following:</i>		
HUM 300	Cultural Periods	12
HUM 350	Area Studies	
HUM 400	Major Figures	
HUM 450	Thematic Readings	
HUM 490	Integrative Seminar	
<b>Minor Total</b>		<b>18</b>

Note: Appropriate courses from associated departments are made available by crosslisting. The humanities advisor may be consulted about other options. One or, in special cases, two related courses from cognate subjects may be counted within the requirements for the humanities minor when approved by the humanities advisor.

**Awards**

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

**Outstanding Senior Awards:** The History/Humanities/Government Department annually honors a graduating senior in each of the following majors: government, history, and social studies education. The department also recognizes the outstanding graduating senior minoring in humanities and the Outstanding Overall Student.

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

**Course Offerings**

Descriptions of the courses listed below are in the section titled Course Descriptions at the end of this catalog. Course descriptions are listed in alphabetical order by the prefix.

**Government**

GOV 101	American Government and Politics
GOV 201	Introduction to Political Science
GOV 205	Political Science Research Methods
GOV 305	Comparative Government
GOV 311	International Relations
GOV 321	Legislative Process
GOV 322	Political Parties and Elections
GOV 323	American Political Leadership
GOV 331	Western Political Theory
GOV 335	Christian Faith and Government: Theory
GOV 336	Christian Faith and Government: Practicum
GOV 341	Public Administration
GOV 370	Area Studies
GOV 381	American Foreign Policy
GOV 391	International Political Economy
GOV 450	American Jurisprudence
GOV 451	American Constitutional Law
GOV 452	Civil Liberties and Civil Rights
GOV 453	Criminal Procedure
GOV 454	Judicial Policy and Process
GOV 461	Public Policy Analysis
GOV 479	Readings in Government
GOV 487	Oklahoma Intercollegiate Legislature Internship
GOV 488	Model United Nations Internship
GOV 489	American Studies Internship
GOV 498	Senior Paper Preparation
GOV 499	Senior Paper/Project

**History**

HIS 101	American History Survey
HIS 201	Historiography
HIS 310	Oklahoma History
HIS 331	Middle Ages and the Renaissance, 476-1530
HIS 332	Age of the Reformation, 1450-1648
HIS 333	Early Modern Europe, 1648-1815
HIS 334	Europe, 1815-1914
HIS 335	Europe, 1914-Present
HIS 336	Central and Eastern Europe, 1866-Present
HIS 337	Russia and the Soviet Union
HIS 341	Colonial America: The English Colonies, 1607-1763
HIS 342	The American Revolution and the Early National U.S., 1763-1830
HIS 343	Civil War and Reconstruction U.S., 1830-1877
HIS 344	Early Modern United States 1877-1929: Gilded Age to World War I
HIS 345	United States Since 1929
HIS 346	United States Economic History
HIS 347	United States Social and Intellectual History
HIS 361	Colonial Latin America
HIS 362	Survey of Latin America
HIS 371	Islamic Middle East

HIS 372	Ancient Near East
HIS 381	Modern China and Japan
HIS 382	History of India Southeast Asia
HIS 451	Department Seminar: America
HIS 452	Department Seminar: Europe
HIS 453	Department Seminar: Middle East
HIS 454	Department Seminar: Latin America
HIS 455	Department Seminar: Asia
HIS 471	Nineteenth Century Middle East
HIS 472	Twentieth Century Middle East
HIS 473	The Rise of Modern Israel
HIS 477	Secondary Methods: Social Studies
HIS 479	Readings in History
HIS 499	Senior Paper/Project

**Humanities**

HUM 111	Introduction to Humanities I
HUM 112	Introduction to Humanities II
HUM 213	Modern Humanities I
HUM 214	Modern Humanities II
HUM 300	Cultural Periods
HUM 350	Area Studies
HUM 400	Major Figures
HUM 450	Thematic Readings
HUM 490	Integrative Seminar

**International Studies**

IS 301	Christian Worldview
IS 350	Internship in International Studies
IS 370	Problems in International/Community Development
IS 391	Seminar in International/Community Development
IS 499	Senior Seminar and Paper

## LIBERAL ARTS STUDIES

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

## LIBERAL ARTS MAJOR (LAD)

**Bachelor of Arts**

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

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

Any student desiring to major in liberal arts is required to take six hours in a foreign language and complete at least a 203-level foreign language course.

Foreign language courses may not be used to replace required courses in the general education core or areas of interest.

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

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

<b>General Education</b>	<b>Credit Hours</b>
ePortfolio (Gen 099)	0
English (ENG 101, 305)	6
Foreign Language (2 semesters including 203)	6
Oral Communication (COM 101)	3
Humanities (HUM 111, 112, 213, 214)	12
Biblical Literature (BLIT 110, 120)	6
Theology (THE 103)	3
Laboratory Science	8
Mathematics (MAT 151 or 232)	3
American History (HIS 101)	3
American Government (GOV 101)	3
Behavioral Science Elective (Choice of one of the following: PSY 201, MUS 208, SWK 202, SOC 101, SOC 201, SOC 323, BUS 201, FIN 244)	5
Health, Physical Education, and Recreation (Health Fitness I and II, swimming course or proficiency, six electives)	5
<b>General Education Total</b>	<b>61</b>

**Major**

Area of interest #1	15-42
GEN 499 Senior Paper/Project (in area #1)	3
Area of interest #2	18-45
Area of interest #3 Optional (minimum of 18 hours if opted)	0-27
<b>Major Total Electives</b>	<b>4</b>
<b>Degree Total</b>	<b>128</b>

## MODERN FOREIGN LANGUAGES DEPARTMENT

Rob Skinner, Ed.D., *Chair*

The Modern Foreign Languages Department offers majors in French, German, and Spanish as well as French education (K-12), German education (K-12), and Spanish education (K-12). Minors are available in French, German, Spanish, and Hebrew. All entering students with some language skills need to have their proficiency determined by exam or consultation with the department. All students majoring in a modern foreign language are required to declare a minor.

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

teacher licensure.

It is recommended that all foreign language majors participate in a study-abroad program during their junior year. Majors should work closely with their academic advisor during their sophomore year to set up a program of studies abroad. Proposals for study abroad must be approved by the International Study Committee prior to going abroad. Credit for study abroad is determined by the individual program. Those students who have declared a major or minor in the Modern Foreign Languages Department are eligible for consideration for financial aid for the study-abroad program.

Summer travel study courses abroad offered by the Modern Foreign Languages Department afford exciting opportunities to earn academic language credit as well as to gain valuable cultural insights. Credit for the travel-study courses may apply toward language majors and minors, general education foreign language requirements, or electives.

## General Education Information

All students pursuing the bachelor of arts degree (regardless of major) are required to enroll in and successfully complete any two semesters of the same modern foreign language, including at least the 203 level or above. Students with high school credit in foreign language may take courses in either the same language or in a different language to fulfill the general education language requirement for the bachelor of arts degree. However, if a student opts to take a different foreign language than the one taken in high school, he or she must still complete courses through the 203 level of the different foreign language chosen.

(Students studying to receive a major or minor in any of the modern languages offered up through the 203 level will have automatically completed their bachelor of arts language requirement through their language proficiency in their language major or minor.)

Students who place into a 203-level course and above may consider a second major or minor through the foreign language test-out program. More information is available from the Modern Foreign Languages Department.

Bachelor of arts or bachelor of science students wishing to count the following classes toward a major/minor must enroll in the following test-out classes:

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

## FRENCH MAJOR (FRE)

**Bachelor of Arts**

<b>General Education</b>	<b>Credit Hours</b>
ePortfolio (Gen 099)	0
English (ENG 101, 305)	6
Oral Communication (COM 101)	3
Humanities (HUM 111, 112, 213, 214)	12
Biblical Literature (BLIT 110, 120)	6
Theology (THE 103)	3
Laboratory Science (lecture and lab)	8
Mathematics (MAT 151)	3
American History (HIS 101)	3
American Government (GOV 101)	3

Social Sciences Elective (Choice of one of the following: PSY 201, MUS 208, SWK 202, SOC 101, SOC 201, SOC 323, BUS 201, FIN 244) 3

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

**General Education Total** 55

### Major

FRE 203 Intermediate French I 3  
 FRE 204 Intermediate French II 3  
 FRE 301 Phonetics and Conversation 3  
 FRE 302 French Composition 3  
 FRE 303 Survey of French Literature I 3  
 FRE 304 Survey of French Literature II 3  
 FRE Electives (300/400 level) 9  
 FRE 498 Senior Paper Bibliography 1  
 FRE 499 Senior Paper 2

**Major Total** 30

**Minor** 18

**Electives** 25

**Degree Total** 128

## GERMAN MAJOR (GER)

### Bachelor of Arts

**General Education** **Credit Hours**  
 ePortfolio (Gen 099) 0  
 English (ENG 101, 305) 6  
 Oral Communication (COM 101) 3  
 Humanities (HUM 111, 112, 213, 214) 12  
 Biblical Literature (BLIT 110, 120) 6  
 Theology (THE 103) 3  
 Laboratory Science (lecture and lab) 8  
 Mathematics (MAT 151) 3  
 American History (HIS 101) 3  
 American Government (GOV 101) 3  
 Social Sciences Elective (Choice of one of the following: PSY 201, MUS 208, SWK 202, SOC 101, SOC 201, SOC 323, BUS 201, FIN 244) 3

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

**General Education Total** 55

### Major

GER 203 Intermediate German I 3  
 GER 204 Intermediate German II 3  
 GER 301 Phonetics and Conversation 3  
 GER 302 German Composition 3  
 GER 303 Survey of German Literature I 3  
 GER 304 Survey of German Literature II 3  
 GER Electives (300/400 level) 9  
 GER 498 Senior Paper Bibliography 1  
 GER 499 Senior Paper 2

**Major Total** 30

**Minor** 18

**Electives** 25

**Degree Total** 128

## SPANISH MAJOR (SPA)

### Bachelor of Arts

**General Education** **Credit Hours**  
 ePortfolio (Gen 099) 0  
 English (ENG 101, 305) 6  
 Oral Communication (COM 101) 3  
 Humanities (HUM 111, 112, 213, 214) 12  
 Biblical Literature (BLIT 110, 120) 6  
 Theology (THE 103) 3  
 Laboratory Science (lecture and lab) 8  
 Mathematics (MAT 151) 3  
 American History (HIS 101) 3  
 American Government (GOV 101) 3  
 Social Sciences Elective (Choice of one of the following: PSY 201, MUS 208, SWK 202, SOC 101, SOC 201, SOC 323, BUS 201, FIN 244) 3

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

**General Education Total** 55

### Major

SPA 203 Intermediate Spanish I 3  
 SPA 204 Intermediate Spanish II 3  
 SPA 301 Phonetics and Conversation 3  
 SPA 302 Spanish Composition 3  
 SPA 314 Survey of Latin American Literature 3  
 SPA Electives (300/400 level) 9  
 SPA 498 Senior Paper Bibliography 1  
 SPA 499 Senior Paper 2  
 Choice of one of the following two courses: 3  
 SPA 303 Survey of Spanish Literature I  
 SPA 304 Survey of Spanish Literature II

**Major Total** 30

**Minor** 18

**Electives** 25

**Degree Total** 128

## FRENCH EDUCATION MAJOR (FREE) with K-12 Teaching Licensure

### Bachelor of Arts

Students seeking licensure to teach at the K-12 levels have two options: (1) completion of the French education major, which leads to standard certification or (2) completion of any other major in the Modern Language Department, which can lead to alternative certification. Students seeking alternative certification are encouraged, but not required, to pursue an education minor. One class at the graduate level is required for alternative certification in the state of Oklahoma; however, it is not required for graduation. Students seeking alternative certification need to check with the State Department of Education from any state in which they plan to teach in order to ensure they meet specific requirements for that state's alternative certification. Students interested in a teaching license should work closely with the advisor in the major department.

This major meets the State of Oklahoma's requirements for a teaching license at the elementary and secondary levels (K-12).

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

**General Education** **Credit Hours**  
 ePortfolio (Gen 099) 0  
 English (ENG 101, 305) 6  
 Oral Communication (COM 101) 3  
 Humanities (HUM 111, 112, 213, 214) 12  
 Biblical Literature (BLIT 110, 120) 6  
 Theology (THE 103) 3  
 Laboratory Science (physical and biological) 8  
 Mathematics (MAT 151) 3  
 American History (HIS 101) 3  
 American Government (GOV 101) 3  
 Social Sciences Elective (Choice of one of the following: PSY 201, MUS 208, SWK 202, SOC 101, SOC 201, SOC 323, BUS 201, FIN 244) 3  
 Health, Physical Education, and Recreation (Health Fitness I and II, Basic First Aid/CPR, swimming course or proficiency, four electives) 4.5

**General Education Total** 54.5

### Major

FRE 203 Intermediate French I 3  
 FRE 204 Intermediate French II 3  
 FRE 301 Phonetics and Conversation 3  
 FRE 302 French Composition 3  
 FRE 303 Survey of French Literature I 3  
 FRE 304 Survey of French Literature II 3  
 FRE 305 French Civilization and Culture 3  
 FRE Electives in French (upper division) 9  
 FRE 498 Senior Paper Bibliography 1  
 FRE 499 Senior Paper 2

**Major Total** 33

### Professional Education

PED 100 Education Seminar (every semester) 0  
 Choice of one of the two field-based courses: 1  
 PED 111 Field-Based Experience/Practicum (Elementary)  
 PED 121 Field-Based Experience/Practicum (Secondary)  
 PED 203 Foundations and Methods of Education 3  
 PED 222 School Health Care 1  
 PED 313 Human Growth and Development 3  
 PED 361 Professional Education Seminar/Portfolio 0  
 PED 363 Educational Technology 3  
 PED 372 Classroom Management and Educational Law 3  
 PED 382 Educational Assessment 2  
 PED 475 Intern/Student Teaching: Elementary 5  
 PED 495 Intern/Student Teaching: Secondary 5  
 FRE 457 Methods for Modern Language Curriculum Instruction 3  
 ESL 303 TESL Principles 3  
 SED 353 Introduction to Special Education: Mild-Moderate Disabilities 3

**Professional Education Total** 35  
**Electives** 5.5

**Degree Total** 128

## GERMAN EDUCATION MAJOR (GERE) with K-12 Teaching Licensure

### Bachelor of Arts

Students seeking licensure to teach at the K-12 levels have two options: (1) completion of the German education major, which leads to standard certification or (2) completion of any other major in the Modern Language Department, which can lead to alternative certification. Students seeking alternative certification are encouraged, but not required, to pursue an education minor. One class at the graduate level is required for alternative certification in the state of Oklahoma; however, it is not required for graduation. Students seeking alternative certification need to check with the State Department of Education from any state in which they plan to teach in order to ensure they meet specific requirements for that state's alternative certification. Students interested in a teaching license should work closely with the advisor in the major department.

This major meets the State of Oklahoma's requirements for a teaching license at the elementary and secondary levels (K-12).

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

<b>General Education</b>	<b>Credit Hours</b>
ePortfolio (Gen 099)	0
English (ENG 101, 305)	6
Oral Communication (COM 101)	3
Humanities (HUM 111, 112, 213, 214)	12
Biblical Literature (BLIT 110, 120)	6
Theology (THE 103)	3
Laboratory Science (physical and biological)	8
Mathematics (MAT 151)	3
American History (HIS 101)	3
American Government (GOV 101)	3
Social Sciences Elective (Choice of one of the following: PSY 201, MUS 208, SWK 202, SOC 101, SOC 201, SOC 323, BUS 201, FIN 244)	3
Health, Physical Education, and Recreation (Health Fitness I and II, Basic First Aid/CPR, swimming course or proficiency, four electives)	4.5
<b>General Education Total</b>	<b>54.5</b>

### Major

GER 203 Intermediate German I	3
GER 204 Intermediate German II	3
GER 301 Phonetics and Conversation	3
GER 302 German Composition	3
GER 303 Survey of German Literature I	3
GER 304 Survey of German Literature II	3
GER 305 German Civilization and Culture	3
GER Electives in German (upper division)	9
GER 498 Senior Paper Bibliography	1
GER 499 Senior Paper	2
<b>Major Total</b>	<b>33</b>

### Professional Education

PED 100 Education Seminar (every semester)	0
<i>Choice of one of the two field-based courses:</i>	<i>1</i>
PED 111 Field-Based Experience/Practicum (Elementary)	1
PED 121 Field-Based Experience/Practicum (Secondary)	1
PED 203 Foundations and Methods of Education	3
PED 222 School Health Care	1
PED 313 Human Growth and Development	3
PED 361 Professional Education Seminar/Portfolio	0
PED 363 Educational Technology	3
PED 372 Classroom Management and Educational Law	3
PED 382 Educational Assessment	2
PED 475 Intern/Student Teaching: Elementary	5
PED 495 Intern/Student Teaching: Secondary	5
GER 457 Methods for Modern Language Curriculum Instruction	3
ESL 303 TESL Principles	3
SED 353 Introduction to Special Education: Mild-Moderate Disabilities	3
<b>Professional Education Total</b>	<b>35</b>
<b>Electives</b>	<b>5.5</b>
<b>Degree Total</b>	<b>128</b>

## SPANISH EDUCATION MAJOR (SPA) with K-12 Teaching Licensure

### Bachelor of Arts

Students seeking licensure to teach at the K-12 levels have two options: (1) completion of the Spanish education major, which leads to standard certification or (2) completion of any other major in the Modern Language Department, which can lead to alternative certification. Students seeking alternative certification are encouraged, but not required, to pursue an education minor. One class at the graduate level is required for alternative certification in the state of Oklahoma; however, it is not required for graduation. Students seeking alternative certification need to check with the State Department of Education from any state in which they plan to teach in order to ensure they meet specific requirements for that state's alternative certification. Students interested in a teaching license should work closely with the advisor in the major department.

This major meets the State of Oklahoma's requirements for a teaching license at the elementary and secondary levels (K-12).

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

<b>General Education</b>	<b>Credit Hours</b>
ePortfolio (Gen 099)	0
English (ENG 101, 305)	6
Oral Communication (COM 101)	3
Humanities (HUM 111, 112, 213, 214)	12
Biblical Literature (BLIT 110, 120)	6
Theology (THE 103)	3
Laboratory Science (physical and biological)	8

Mathematics (MAT 151)	3
American History (HIS 101)	3
American Government (GOV 101)	3
Social Sciences Elective (Choice of one of the following: PSY 201, MUS 208, SWK 202, SOC 101, SOC 201, SOC 323, BUS 201, FIN 244)	3
Health, Physical Education, and Recreation (Health Fitness I and II, Basic First Aid/CPR, swimming course or proficiency, five electives)	4.5
<b>General Education Total</b>	<b>54.5</b>

### Major

SPA 203 Intermediate Spanish I	3
SPA 204 Intermediate Spanish II	3
SPA 301 Phonetics and Conversation	3
SPA 302 Spanish Composition	3
SPA Electives in Spanish (upper division)	9
SPA 498 Senior Paper Bibliography	1
SPA 499 Senior Paper	2
<i>Choice of two of the following courses:</i>	<i>6</i>
SPA 314 Survey of Latin American Literature	1
SPA 303 Survey of Spanish Literature I	1
SPA 304 Survey of Spanish Literature II	1
SPA 315 Latin American Civilization/Culture	3
<b>Major Total</b>	<b>33</b>

### Professional Education

PED 100 Education Seminar (every semester)	0
<i>Choice of one of the two field-based courses:</i>	<i>1</i>
PED 111 Field-Based Experience/Practicum (Elementary)	1
PED 121 Field-Based Experience/Practicum (Secondary)	1
PED 203 Foundations and Methods of Education	3
PED 222 School Health Care	1
PED 313 Human Growth and Development	3
PED 361 Professional Education Seminar/Portfolio	0
PED 363 Educational Technology	3
PED 372 Classroom Management and Educational Law	3
PED 382 Educational Assessment	2
PED 475 Intern/Student Teaching: Elementary	5
PED 495 Intern/Student Teaching: Secondary	5
SPA 457 Methods for Modern Language Curriculum Instruction	3
ESL 303 TESL Principles	3
SED 353 Introduction to Special Education: Mild-Moderate Disabilities	3
<b>Professional Education Total</b>	<b>35</b>
<b>Electives</b>	<b>5.5</b>
<b>Degree Total</b>	<b>128</b>

## French Minor (FRE)

A French minor requires 19 hours of foreign language course work and may include 102, 203, and 204, plus three more courses. The 101 course does not apply toward the minor.

## German Minor (GER)

A German minor requires 19 hours of foreign language course work and may include 102, 203, and 204, plus three more courses. The 101 course does not apply toward the minor.

## Hebrew Minor (HEB)

A Hebrew minor requires 19 hours of foreign language course work and may include 102, 203, and 204, plus three more courses. The 101 course does not apply toward the minor.

## Spanish Minor (SPA)

A Spanish minor requires 19 hours of foreign language course work and may include 102, 203, and 204, plus three more courses. The 101 course does not apply toward the minor.

## Business Language Minor (BUSL)

The business language minor (French, German, Spanish, or Hebrew) is designed to provide the student with skills in the language with particular concentration on business terminology, including export marketing.

The minor is directed toward the student who plans on a career in international business or who anticipates the need for the knowledge of another language as it relates to business.

The 306 course is designed also as an elective course for those business majors who already have a good working knowledge of the target language or have completed 204.

FRE, GER, SPA, HEB 102 Elementary II	4
FRE, GER, SPA HEB 203 Intermediate I	3
FRE, GER, SPA HEB 204 Intermediate II	3
FRE, GER HEB 305, SPA 315 Civilization and Culture	3
FRE, GER, SPA, HEB 306 Business Language	4
FRE, GER, SPA, HEB Electives (upper division)	3

**Minor Total** 20

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

## Awards

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

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

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

## Course Offerings

Descriptions of the courses listed below are in the section titled Course Descriptions at the end of this catalog. Course descriptions are listed in alphabetical order by the prefix.

### French

FRE 101	Elementary French I
FRE 102	Elementary French II
FRE 203	Intermediate French I
FRE 204	Intermediate French II
FRE 219	Travel Study
FRE 301	French Phonetics and Conversation

FRE 302	French Composition
FRE 303	Survey of French Literature I
FRE 304	Survey of French Literature II
FRE 305	French Civilization and Culture
FRE 306	Business French
FRE 407	Age of the Philosophers
FRE 408	French Romanticism (1790-1850)
FRE 410	Contemporary French Literature
FRE 451	Special Readings
FRE 457	Methods for Modern Language Curriculum Instruction
FRE 498	Senior Paper Bibliography
FRE 499	Senior Paper

### German

GER 101	Elementary German I
GER 102	Elementary German II
GER 203	Intermediate German I
GER 204	Intermediate German II
GER 301	German Phonetics and Conversation
GER 302	German Composition
GER 303	Survey of German Literature I
GER 304	Survey of German Literature II
GER 305	German Civilization and Culture
GER 306	Business German
GER 403	The Age of Goethe
GER 404	Novelle
GER 407	Lyric Poetry
GER 409	German Novel
GER 451	Special Readings
GER 457	Methods for Modern Language Curriculum Instruction

GER 498	Senior Paper Bibliography
GER 499	Senior Paper

### Hebrew

HEB 101	Elementary Hebrew I
HEB 102	Elementary Hebrew II
HEB 203	Intermediate Hebrew I
HEB 204	Intermediate Hebrew II
HEB 219	Travel Study
HEB 301	Hebrew Conversation/Grammar
HEB 302	Hebrew Composition
HEB 305	Hebrew Civilization and Culture
HEB 306	Business Hebrew
HEB 451	Special Readings

### 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 404	Golden Age Prose
SPA 405	Nineteenth Century Spanish Literature
SPA 406	Twentieth Century Spanish Literature
SPA 415	Latin American Novel
SPA 416	Latin American Short Story
SPA 451	Special Readings
SPA 457	Methods for Modern Language Curriculum Instruction

SPA 498	Senior Paper Bibliography
SPA 499	Senior Paper

# MUSIC DEPARTMENT

Edward Pierce, D.M.A., *Chair*

The Music Department offers three degree programs: the bachelor of arts (music arts major), the bachelor of music (music composition, music performance, and sacred music majors), and the bachelor of music education (music education major). Technology-related concentrations are available in both the music arts major and the music composition major. The music programs include all of the significant areas of music study, such as music theory, sight singing and ear training, history and literature of music, music-teaching methods, and all fields of applied music and performance.

Prospective students must meet the general admission requirements described in the University catalog. Admission to the music program requires a separate application with the Music Department and an audition. Applicants will be notified of their acceptance to the University by the Admissions Office; they will be notified of acceptance as a music major by the Music Department.

Music majors must demonstrate continuous growth in ability to perform on a major instrument. Recitals are regularly presented, affording students opportunities to appear as soloists. As with all ORU seniors, music majors are required to prepare a culminating activity: a recital, a project, or a paper. Performance majors present a full recital in the senior year, after successfully presenting a half recital in the junior year. Sacred music majors may present a full recital, a senior project, a senior paper, the results of a church music practicum, or a partial recital combined with a paper or project. This culminating activity is to be done during the senior year, and the choice of activities is at the discretion of the student's advisor. If a senior recital is the chosen option, a successful half recital must precede it in the junior year. Bachelor of music composition majors make several presentations of original compositions in the junior year and a full recital of original compositions in the senior year. A bachelor of arts candidate prepares a senior project, paper, recital, or the results of an internship (with departmental approval). Music education majors may elect to present a music education recital or a senior/paper project, each for two credit hours.

Music majors must participate in a performance group—band, choir, or orchestra—approved by the department for every semester they are enrolled as music majors. Piano, organ, and guitar primaries may select either an approved vocal or instrumental organization.

All music majors must enroll and successfully complete MUS 099 Music Seminar for seven semesters, and minors must pass for four semesters. As part of the requirement, music majors and minors must attend a designated number of recitals and concerts. Transfer music majors must pass Music Seminar every semester they are enrolled as majors (a minimum of four semesters and up to seven semesters). Transfer music minors must pass Music Seminar at ORU for at least two semesters. If they attend ORU for three semesters, they must pass Music Seminar for all three semesters, and if they attend ORU for four or more semesters, they must pass Music Seminar for four semesters.

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

assessed an additional fee of \$250 per semester-hour credit. Non-music majors who take applied lessons are assessed a \$250 applied music lesson fee for each credit hour taken (e.g., \$500 for two credit hours).

All students majoring in music must pass a music vocabulary proficiency examination and a piano proficiency examination. Each advisor will acquaint the advisee with the requirements of these proficiency examinations. All bachelor of music education candidates, before they can begin student teaching, must pass a guitar proficiency in addition to the piano and vocabulary proficiencies.

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

## MUSIC ARTS MAJOR (MUA)

### Bachelor of Arts

Students majoring in music arts choose a concentration in either arts or technology. Students choosing the technology concentration spend one semester of their junior year at The Recording Workshop in Chillicothe, Ohio, an education complex that specializes in training audio engineers.

General Education	Credit Hours
ePortfolio (Gen 099)	0
English (ENG 101, 305)	6
Foreign Language (2 semesters including 203; French or German recommended)	6
Oral Communication (COM 101)	3
Humanities (HUM 111, 112, 213, 214)	12
Biblical Literature (BLIT 110, 120)	6
Theology (THE 103)	3
Mathematics	3
Laboratory Sciences	8
American History (HIS 101)	3
American Government (GOV 101)	3
Social Sciences (MUS 208)	3
Health, Physical Education, and Recreation (Health Fitness I and II, swimming course or proficiency, five or six electives*)	4.5-5
<b>General Education Total</b>	<b>60.5-61</b>

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

### Major

MUS 066 Oratorio	0
MUS 099 Music Seminar (7 semesters of C or better)	2
MUS 101 Harmony I	2
MUS 102 Harmony II	2
MUS 103 Sight Singing and Ear Training I	2
MUS 104 Sight Singing and Ear Training II	2
MUS 105 Introduction to Music Technology	1
MUS 333 Conducting I	2
MUS Concentration (arts or technology)	30
PRF 100 Piano Proficiency	
PRF 101 Music Vocabulary Proficiency	
<b>Major Total</b>	<b>43</b>

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

### Arts Concentration (MART)

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

**Arts Concentration Total** 30

### Technology Concentration (MTEC)

MUS 026-047 Applied Music: Primary	7
MUS 061-065, 067 Performance Groups: Band, Choir, Orchestra	6
MUS 300 Music Appreciation	3
CHIL 400 Introduction to Sound Reinforcement*	2
CHIL 401 Studio Recording and Music Production I*	3
CHIL 402 Studio Recording and Music Production II*	3
CHIL 403 Recording Studio Maintenance*	1
Choice of two or three hours from the following:**	2
MUS 310 Studies in Advanced Music Technology (3 hrs.)	
MUS 313 Sequencing and Digital Audio (3 hrs.)	
MUS 315 Multimedia for Musicians (3 hrs.)	
MUS 412 Music Technology Practicum (3 hrs.)	
CHIL 404 Advanced Studio Recording* (1 hr.)	
CHIL 405 New Tech Audio Production* (1 hr.)	
Choice of one of the following:	3
MUS 421 Senior Recital (3 hrs.)	
COM 451 Communications Internship (3 hrs.)	

**Technology Concentration Total** 30

**Minor** 18

**Electives** 8

**Degree Total** 129.5-130

\*Courses with a CHIL prefix are offered only at the Recording Workshop in Chillicothe, Ohio.

\*\*If three hours are taken, one counts toward elective hours.

## MUSIC COMPOSITION MAJOR (MUC)

### Bachelor of Music

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

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

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

**General Education Total** 52-53

### Major

MUS 026-047 Applied Music: Primary	6
MUS 048 Applied Music: Composition	8
MUS 061-065, 067 Performance Groups: Band, Choir, Orchestra	8
MUS 066 Oratorio	0
MUS 099 Music Seminar (7 semesters of C or better)	2
MUS 101 Harmony I	2
MUS 102 Harmony II	2
MUS 103 Sight Singing and Ear Training I	2
MUS 104 Sight Singing and Ear Training II	2
MUS 105 Intro to Music Technology	1
MUS 201 Harmony, Sight Singing, and Ear Training III	3
MUS 202 Harmony, Sight Singing, and Ear Training IV	3
MUS 301 Form and Analysis	2
MUS 302 Orchestration	2
MUS 333 Conducting I	2
MUS 401 Principles of Counterpoint	2
Choice of applied courses from the following three:	4
MUS 001-023 Applied Music: Secondary	
MUS 125-128 Class Piano I-IV	
MUS 131 Class Voice	
Choice of three of the following four courses:	3
MUS 134 MIDI Controller (1 hr.)	
MUS 341 Brass and Percussion Instruments (1 hr.)	
MUS 342 Woodwind Instruments (1 hr.)	
MUS 441 String Instruments (1 hr.)	
PRF 100 Piano Proficiency	0
PRF 101 Music Vocabulary Proficiency	0

**Major Total** 54

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

### Composition Concentration (MUCM)

MUS 335 Composition I	2
MUS 337 Composition: Small Ensembles	3
MUS 338 20th Century Composition Materials	3
MUS 421 Senior Recital	3
MUS 431 Composition: Advanced Studies--Ensemble	3

**Composition Concentration Total** 14

### Composition/Technology Concentration (MUCT)

MUS 335 Composition I	2
Choice of one of the following courses:	3
MUS 421 Senior Recital	
MUS 499 Senior Paper/Project	
Choice of three of the following courses:	9
MUS 310 Studies in Advanced Music Technology*	
MUS 313 Sequencing and Digital Audio	
MUS 315 Multimedia for Musicians	
MUS 412 Music Technology Practicum	

**Technology Concentration Total** 14

**Electives** 11

**Degree Total** 131-132

\*Students may take MUS 310 more than once if different content is covered each time.

## MUSIC PERFORMANCE MAJOR (MUP)

### Bachelor of Music

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

General Education	Credit Hours
ePortfolio (Gen 099)	0
English (ENG 101, 305)	6
Foreign Language (French or German) (nonvocal primaries—3 hours; vocal primaries—6 hours)	3-6
Oral Communication (COM 101)	3
Humanities (HUM 111, 214)	6
History and Literature of Music (MUS 205, 206)	8
Biblical Literature (BLIT 110, 120)	6
Theology (THE 103)	3
Laboratory Science or Mathematics (MAT 151)	3-4
American History (HIS 101)	3
American Government (GOV 101)	3
Social Sciences (MUS 208)	3
Health, Physical Education, and Recreation (Health Fitness I and II, swimming course or proficiency, six electives)	5
<b>Non-Vocal General Education Total</b>	<b>52-53</b>
<b>Vocal General Education Total</b>	<b>55-56</b>

### Major

MUS 061-065, 067 Performance Groups: Band, Choir, Orchestra	8
MUS 066 Oratorio	0
MUS 099 Music Seminar (7 semesters of C or better)	2
MUS 101 Harmony I	2
MUS 102 Harmony II	2
MUS 103 Sight Singing and Ear Training I	2
MUS 104 Sight Singing and Ear Training II	2
MUS 105 Intro to Music Technology	1
MUS 201 Harmony, Sight Singing, and Ear Training III	3
MUS 202 Harmony, Sight Singing, and Ear Training IV	3
MUS 301 Form and Analysis	2
MUS 302 Orchestration	2
MUS 333 Conducting I	2
MUS 335 Composition I	2
MUS 401 Principles of Counterpoint	2
MUS Music elective (required for non-vocal concentration only)	0-2
<i>One of the two following courses:</i>	2
MUS 443 Conducting II: Choral (for vocal and keyboard primaries)	
MUS 444 Conducting II: Instrumental (for instrumental primaries)	
PRF 100 Piano Proficiency	
PRF 101 Music Vocabulary Proficiency	
<b>Non-Vocal Major Total</b>	<b>39</b>
<b>Vocal Major Total</b>	<b>37</b>

### ■ Instrumental Concentration (MUP I)

MUS 031-047 Applied Music: Primary	6
MUS 048 Primary Instrument: Composition	8
MUS 001, 125-128 Applied Music: Secondary	4
MUS 326 Instrumental Pedagogy/Repertoire	1
MUS 341 Brass and Percussion Instruments	1
MUS 342 Woodwind Instruments	1

MUS 421 Senior Recital	3
MUS 441 String Instruments	1

**Instrumental Concentration Total** 25

### ■ Keyboard Concentration (MUPK)

MUS 026 Applied Music: Primary	14
MUS 004-023, 130, 131 Applied Music: Secondary	4
MUS 327 Keyboard Pedagogy and Repertoire	1
MUS 341 Brass and Percussion Instruments	1
MUS 342 Woodwind Instruments	1
MUS 421 Senior Recital	3
MUS 441 String Instruments	1

**Keyboard Concentration Total** 25

### ■ Vocal Concentration (MUPV)

MUS 029 Applied Music: Primary	14
MUS 001, 125-128 Applied Music: Secondary	4
MUS 241 Phonetics	1
MUS 242 Diction for Singers	2
MUS 325 Vocal Pedagogy and Repertoire	1
MUS 421 Senior Recital	3

**Vocal Concentration Total** 25

### Electives

Non-Vocal majors	12
Vocal majors	11

**Degree Total** 128-129

MUS 202 Harmony, Sight Singing, and Ear Training IV	3
MUS 301 Form and Analysis	2
MUS 302 Orchestration	2
MUS 320 Songwriting and Arranging	2
MUS 333 Conducting I	2
MUS 341 Brass and Percussion Instruments	1
MUS 342 Woodwind Instruments	1
MUS 350 Hymnology	2
MUS 351 Service Playing	2
MUS 401 Principles of Counterpoint	2
MUS 441 String Instruments	1
MUS 443 Conducting II-Choral	2
MUS 451 Church Music Administration	3
MUS 452 Music and Worship in the Charismatic/Evangelical Church	3
MUS 455 Church Music Literature	1
PRF 100 Piano Proficiency	
PRF 101 Music Vocabulary Proficiency	
<i>Choice from the following courses:</i>	4
MUS 001-023 Applied Music: Secondary	
MUS 125-128 Class Piano I-IV	
MUS 130 Class Guitar	
MUS 131 Class Voice	
<i>Choice of one of the following courses:</i>	3
MUS 421 Senior Recital	
MUS 490 Church Music Practicum	
MUS 499 Senior Paper/Project	

**Major Total** 72  
**Electives** 10

**Degree Total** 131-132

## SACRED MUSIC MAJOR (MULW)

### Bachelor of Music

General Education	Credit Hours
ePortfolio (Gen 099)	0
English (ENG 101, 305)	6
Oral Communication (COM 101)	3
Humanities (HUM 111, 214)	6
History and Literature of Music (MUS 205, 206)	8
Biblical Literature (BLIT 110, 120)	6
Theology (THE 103)	3
Laboratory Science or Mathematics	3-4
American History (HIS 101)	3
Government (GOV 101)	3
Social Sciences (MUS 208)	3
Health, Physical Education, and Recreation (Health Fitness I and II, swimming course or proficiency, six electives)	5
<b>General Education Total</b>	<b>49-50</b>

### Major

MUS 026-047 Applied Music: Primary (Minimum two credits of voice and one of organ)	14
MUS 061-065, 067 Performance Groups: Band, Choir, Orchestra (Minimum two semesters choral)	8
MUS 066 Oratorio	0
MUS 099 Music Seminar (7 semesters of C or better)	2
MUS 101 Harmony I	2
MUS 102 Harmony II	2
MUS 103 Sight Singing and Ear Training I	2
MUS 104 Sight Singing and Ear Training II	2
MUS 105 Intro to Music Technology	1
MUS 201 Harmony, Sight Singing, and Ear Training III	3

## MUSIC EDUCATION MAJOR (MUE) with K-12 Teaching Licensure

### Bachelor of Music Education

Students seeking licensure to teach at the K-12 levels have two options: (1) completion of the music education major, which leads to standard certification or (2) completion of any other major in the Music Department, which can lead to alternative certification. Students seeking alternative certification are encouraged, but not required, to pursue an education minor. One class at the graduate level is required for alternative certification in the state of Oklahoma; however, it is not required for graduation. Students seeking alternative certification need to check with the State Department of Education from any state in which they plan to teach in order to ensure they meet specific requirements for that state's alternative certification. Students interested in a teaching license should work closely with the advisor in the major department.

Students in the music education major choose a concentration in either vocal (MUEV) or instrumental (MUEI) music. Students may earn licensure in a second subject/content area. 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 course work toward additional licensing should consult the subject area advisor.

General Education	Credit Hours
ePortfolio (Gen 099)	0
English (ENG 101, 305)	6
Oral Communication (COM 101)	3
Humanities (HUM 111, 214)	6

History and Literature of Music (MUS 205, 206)	8
Biblical Literature (BLIT 110, 120)	6
Theology (103)	3
Mathematics (MAT 151)	3
Laboratory Science (1 biological, 1 physical)	8
American History (HIS 101)	3
Government (GOV 101)	3
Foreign Language Proficiency PRF 001 (exam or 102 level of a foreign language class)	0
Social Sciences (MUS 208)	3
Health, Physical Education, and Recreation (Health Fitness I and II, Basic First Aid/CPR, swimming course or proficiency, and four electives)	4.5
<b>General Education Total</b>	<b>56.5</b>

<b>Major</b>	
MUS 066 Oratorio	0
MUS 099 Music Seminar (7 semesters of C or better)	2
MUS 101 Harmony I	2
MUS 102 Harmony II	2
MUS 103 Sight Singing and Ear Training I	2
MUS 104 Sight Singing and Ear Training II	2
MUS 105 Introduction to Music Technology	1
MUS 201 Harmony, Sight Singing, and Ear Training III	3
MUS 202 Harmony, Sight Singing, and Ear Training IV	3
MUS 302 Orchestration	2
MUS 333 Conducting I	2
PRF 100 Piano Proficiency	
PRF 101 Vocabulary Proficiency	
PRF 102 Guitar Proficiency	
MUS Concentration (MUEI or MUEV)	26
Choice of one of the following two senior courses*:	2
MUS 421 Senior Recital	
MUS 499 Senior Paper/Project	
<b>Major Total</b>	<b>49</b>

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

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

<b>■Instrumental Concentration (MUEI)</b>	
MUS 001, 125-128 Applied Music: Secondary Piano (2 courses)	2
MUS 033-047 Applied Music: Primary Orchestral Instrument (5 semesters)	10
MUS 061-065, 067 Performance Groups: Band, Orchestra, Choir	7
MUS 341 Brass and Percussion Instruments	1
MUS 342 Woodwind Instruments	1
MUS 441 String Instruments	1
MUS 442 Advanced String Instruments	1
MUS 444 Conducting II: Instrumental	2
Choice of one of the following:	1
MUS 004 Applied Music: Voice (1 hr.)	
MUS 029 Applied Music: Voice (2 hrs.)	
MUS 131 Class Voice (1 hr.)	
MUS 325 Voice Pedagogy and Repertoire (1 hr.)	
<b>Instrumental Concentration Total</b>	<b>26</b>

<b>■Vocal Concentration (MUEV)</b>	
Choice of one of the following two applied courses:	10
MUS 026 Applied Music: Piano	
MUS 029 Applied Music: Voice	
Choice of one of the following secondary courses:	2
MUS 001, 125-128 Applied Music: Piano	
MUS 004, 131 Applied Music: Voice	
MUS 061-065, 067 Performance Groups: Band, Orchestra, Choir	7
MUS 242 Diction for Singers	2
MUS 341 Brass and Percussion Instruments	1
MUS 342 Woodwind Instruments	1
MUS 441 String Instruments	1
MUS 443 Conducting II—Choral	2
<b>Vocal Concentration Total</b>	<b>26</b>

<b>Professional Education</b>	
PED 100 Education Seminar (every semester)	0
Choice of the following two field-based courses:	1
PED 111 Field-Based Experience (Elementary)	
PED 121 Field-Based Experience (Secondary)	
PED 203 Foundations and Methods of Education	3
PED 222 School Health Care	1
PED 313 Human Growth and Development	3
PED 361 Professional Education Seminar/ Portfolio	1
PED 372 Classroom Management and Educational Law	3
MUEV or MUEI courses based on concentration:	2
MUS 241 Phonetics for Singers (MUEV)	
MUS 326 Instrumental Pedagogy and Repertoire (MUEI)	
MUS 329 Band Pageantry (MUEI)	
MUS 335 Vocal Pedagogy and Repertoire (MUEV)	
PED 475 Intern/Student Teaching: Elementary	5
PED 495 Intern/Student Teaching: 10-12	5
MUS 426 Elementary Music Methods and Evaluation	3
MUS 427 Secondary Music Methods and Evaluation	2
SED 353 Introduction to Special Education Mild-Moderate Disabilities	3
<b>Professional Education Total</b>	<b>32</b>
<b>Degree Total</b>	<b>137.5</b>

Note: Combined vocal and instrumental licensure is possible. Evidence must be presented to show that state competencies have been successfully addressed; appropriate state exams must be passed. Inquiries should be directed to the music education coordinator and to the School of Education.

### Music Minor (MUM)

Requirements for students majoring in another discipline are 18 semester hours selected from the courses listed in each of the areas below. Students may take more hours than required in each area. Transfer students must take at least nine of the hours at ORU.

<b>Area</b>	<b>Credits</b>
<b>Music Theory</b>	3-7
MUS 100 Fundamentals of Music (3 hrs.)	
MUS 101/103 Harmony I/Sight Singing (4 hrs.)	
MUS 102/104 Harmony II/Sight Singing (4 hrs.)	
<b>Music History/Literature</b>	3-7
MUS 205 History and Literature of Music I (4 hrs.)	
MUS 206 History and Literature of Music II (4 hrs.)	

MUS 300 Music Appreciation (3 hrs.)	
<b>Applied Music</b>	3-5
MUS 001-024 Applied Music (fee) (1 hr.)	
MUS 025-049 Applied Music (fee) (2 hrs.)	
MUS 124-128 Class Piano (1 hr.)	
MUS 130 Class Guitar (1 hr.)	
MUS 131 Class Voice (1 hr.)	

<b>Performance Groups</b>	3-5
MUS 061-065, 067-087 Performance Groups: Chamber Singers, Concert Choir, University Chorale, Women's Chorus, Orchestra, Symphonic Band, Souls' Choir, TV Singers, Opera Theatre, Jazz, Studio, TV Orchestra, English Handbell Choir, Small Ensembles (Jazz, String, Woodwind, Brass, Percussion),	

<b>Music Seminar</b>	2
MUS 099 Music Seminar (.5 hr.)	

<b>Electives</b>	0-6
MUS 105 Introduction to Music Technology (1 hr.)	
MUS 208 Music in World Cultures (3 hrs.)	
MUS 241 Phonetics for Singers (1 hr.)	
MUS 242 Diction for Singers (2 hrs.)	
MUS 310 Adv. Studies in Music Technology (3 hrs.)	
MUS 313 Sequencing and Digital Audio (3 hrs.)	
MUS 315 Multimedia for Musicians (3 hrs.)	
MUS 341 Brass and Percussion Instruments (1 hr.)	
MUS 342 Woodwind Instruments Class (1 hr.)	
MUS 350 Hymnology (2 hrs.)	
MUS 351 Service Playing (2 hrs.)	
MUS 441 String Instruments (1 hr.)	
MUS 452 Music and Worship in the Charismatic/Evangelical Church (3 hrs.)	
MUS 455 Church Music Literature (1 hr.)	

<b>Minor Total</b>	<b>18</b>
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### Music Technology Minor (MUT)

Requirements for a minor for students majoring in another discipline are 18 semester hours selected from the courses listed below. Students may take more hours than required in each area. Transfer students must take at least nine of the hours at ORU.

<b>Area</b>	<b>Credit Hours</b>
<b>Music Theory</b>	3-7
MUS 100 Fundamentals of Music (3 hrs.)	
MUS 101/103 Harmony I/Sight Singing (4 hrs.)	
MUS 102/104 Harmony II/Sight Singing (4 hrs.)	
<b>Music History/Literature</b>	3-7
MUS 205 History and Literature of Music I (4 hrs.)	
MUS 206 History and Literature of Music II (4 hrs.)	
MUS 300 Music Appreciation (3 hrs.)	

<b>Applied Music</b>	3-5
MUS 001-024 Applied Music (fee) (1 hr.)	
MUS 025-049 Applied Music (fee) (2 hrs.)	
MUS 124-128 Class Piano (1 hr.)	
MUS 130 Class Guitar (1 hr.)	
MUS 131 Class Voice (1 hr.)	

<b>Performance Groups and Music Technology Electives</b>	3-4
MUS 061-087 Performance Groups (1 hr.)	
MUS 105 Introduction to Music Technology (1 hr.)	
MUS 310 Studies in Adv. Music Technology (3 hrs.)	
MUS 313 Sequencing and Digital Audio (3 hrs.)	
MUS 315 Multimedia for Musicians (3 hrs.)	

MUS 412	Music Technology Practicum (3 hrs.)	
CHIL 400	Introduction to Sound Reinforcement* (2 hrs.)	
CHIL 401	Studio Recording and Music Production I* (3 hrs.)	
CHIL 402	Studio Recording and Music Production II* (3 hrs.)	
CHIL 403	Recording Studio Maintenance* (1 hr.)	
CHIL 404	Advanced Studio Recording* (1 hr.)	
CHIL 405	New Technology Audio Production* (1 hr.)	

<b>Music Seminar</b>		2
MUS 099	Music Seminar (.5 hr.)	

<b>Electives</b>		0-6
MUS 208	Music in World Cultures (3 hrs.)	
MUS 241	Phonetics for Singers (1 hr.)	
MUS 242	Diction for Singers (2 hrs.)	
MUS 341	Brass and Percussion Class (1 hr.)	
MUS 342	Woodwinds Class (1 hr.)	
MUS 350	Hymnology (2 hrs)	
MUS 351	Service Playing (2 hrs.)	
MUS 441	String Instruments (1 hr)	
MUS 451	Church Music Administration (3 hrs.)	
MUS 452	Music and Worship in the Charismatic/Evangelical Church (3hrs.)	
MUS 455	Church Music Literature (1 hr.)	

**Minor Total** 18

## Worship Leadership Minor (MUWL)

The worship leadership minor may complement any major in the University. It contains classes in worship, improvisation, worship planning, drama, songwriting and arranging, and leadership. Noted worship leaders participate in workshops to complement classes in the minor.

Entrance requirements include an application, vocal audition, personal interview, and either a passing grade on the Fundamentals of Music Exam or credit for MUS 100.

MUS 320	Songwriting and Arranging	2
MUS 451	Church Music Administration	2
MUS 452	Music and Worship in the Charismatic/Evangelical Church	3
COM 150	Drama in the Church	1
CHRM 360	Biblical Foundations of Worship/Prophetic Leadership	2
<i>Choice of applied courses:</i>		2
MUS 001-024	Applied Music (piano, voice, or guitar recommended) (1 hr.)	
MUS 061-087	Performance Groups	2
MUS 089	Contemporary Music Ministry Ensemble	2
<i>Choice of one of the following two courses:</i>		2
MUS 207	Guitar Skills and Improvisation	
MUS 210	Keyboard Skills and Improvisation	

**Minor Total** 18

## Awards

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

## Course Offerings

Descriptions of the courses listed below are in the section titled Course Descriptions at the end of this catalog. Course descriptions are listed in alphabetical order by the prefix.

<b>Music</b>	
MUS 001-025	Applied Music (Secondary Instrument or Voice)
MUS 026-050	Applied Music (Primary Instrument or Voice)
MUS 061-089	Performance Groups
MUS 099	Music Seminar
MUS 100	Fundamentals of Music
MUS 101	Harmony I
MUS 102	Harmony II
MUS 103	Sight Singing and Ear Training I
MUS 104	Sight Singing and Ear Training II
MUS 105	Introduction to Music Technology
MUS 124	Preparatory Class Piano
MUS 125	Class Piano I
MUS 126	Class Piano II
MUS 127	Class Piano III
MUS 128	Class Piano IV
MUS 130	Class Guitar
MUS 131	Class Voice
MUS 134	Class MIDI Controllers
MUS 201	Harmony, Sight Singing, and Ear Training III
MUS 202	Harmony, Sight Singing, and Ear Training IV
MUS 205	History and Literature of Music I
MUS 206	History and Literature of Music II
MUS 207	Guitar Skills and Improvisation
MUS 208	Music in World Cultures
MUS 210	Keyboard Skills and Improvisation
MUS 228	Contemporary Music Theory/Lead Chart Notation
MUS 241	Phonetics and English Diction for Singers
MUS 242	Diction for Singers
MUS 300	Music Appreciation
MUS 301	Form and Analysis
MUS 302	Orchestration
MUS 310	Studies in Advanced Music Technology
MUS 313	Sequencing and Digital Audio
MUS 315	Multimedia for Musicians
MUS 320	Songwriting and Arranging
MUS 325	Vocal Pedagogy and Repertoire
MUS 326	Instrumental Pedagogy and Repertoire
MUS 327	Keyboard Pedagogy and Repertoire
MUS 329	Band Pageantry
MUS 333	Conducting I
MUS 335	Composition I
MUS 337	Composition: Small Ensembles
MUS 338	20th Century Composition Materials
MUS 341	Brass and Percussion Instruments Class
MUS 342	Woodwind Instruments Class
MUS 350	Hymnology
MUS 351	Service Playing
MUS 401	Principles of Counterpoint
MUS 412	Music Technology Practicum
MUS 421	Senior Recital
MUS 426	Elementary Music Methods and Evaluation
MUS 427	Secondary Music Methods and Evaluation
MUS 431	Composition: Advanced Studies--Performance Groups
MUS 441	String Instruments Class
MUS 442	Advanced String Instruments Class
MUS 443	Conducting II: Choral
MUS 444	Conducting II: Instrumental
MUS 451	Church Music Administration

MUS 452	Music and Worship in the Charismatic/Evangelical Church
MUS 455	Church Music Literature
MUS 461	Departmental Seminar
MUS 490	Church Music Practicum
MUS 499	Senior Project/Paper

## THEOLOGY DEPARTMENT

Carol Blan, M.A., *Chair*

Basic to the purpose of Oral Roberts University is "its commitment to the historic Christian faith, to assist students in their quest for knowledge of their relationship to God and man and the universe." The undergraduate theology programs seek to equip students with a knowledge of the Bible and the Christian heritage and to lead them to the realization that such knowledge, when properly assimilated and developed, permeates and directs all phases of life. Students have opportunities to study abroad at Jerusalem University College in Israel and in Turkey. Through the mission internship program, students can visit other countries for the summer or for a full semester. The mission internship program is designed to provide practical experience in a mission environment. Ministry internships are also available. The latter program is also available to majors from other departments.

## Areas of Study

The Theology Department offers majors in three areas: Biblical literature; church ministries; and theological-historical studies.

### Biblical Literature

The greatest asset for effective integration of truth is a solid knowledge of the Bible. Therefore, courses in Biblical literature are designed to give students an understanding and appreciation of the Word of God and its application. The Biblical literature focus exposes students to a broad spectrum of hermeneutical and exegetical perspectives, tools, and methods so that they may interpret the Bible responsibly and perceptively within a theological-historical framework. Courses in Hebrew and Greek are intended to equip students in language skills, as well as to give them a working knowledge of the Biblical languages. Students who choose the Biblical literature area may choose one of three majors: English Bible; Old Testament; and New Testament. All three majors concentrate on the content of the Bible. English Bible majors study the entire Bible; the Old Testament major emphasizes the content of the Old Testament with the acquisition of the Hebrew language; and the New Testament major emphasizes the content of the New Testament with the acquisition of the Greek language.

### Pastoral Church Ministries

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.

The one major in this area is pastoral Christian ministries. Students in this major choose one of seven concentrations: (1) Christian education, (2) church administration, (3) evangelism, (4) local church pastor, (5) missions, (6) pastoral care, and (7) youth ministry.

**Theological and Historical Studies**

Christian maturity involves the ability to learn from the past, to think deeply, and to formulate an integrated and balanced Christian theology and philosophy of life with clearly defined goals, purposes, and values. This area emphasizes the essentials of Christian belief faithfully preserved by the ancient Church in the universally accepted creeds and clearly articulated by the great Christian thinkers of the past and present. Therefore, courses in history, theology, and philosophy seek to give students a comprehension of the Christian past and an understanding of the theological and philosophical dimensions of the Christian faith and its contemporary expressions. "Always be ready to give a defense to everyone who asks you a reason for the hope that is within you . . ." (1 Peter 3:15). The 21st century will be filled with a multitude of worldview and ideas about the nature of reality and truth. Theology and philosophy at ORU prepares students to go into the worlds of religious thought and practice to testify to the Truth. Students in this major need to choose one of two concentrations offered: Christian philosophy or theology and church history.

**ENGLISH BIBLE MAJOR (BLE)**

*Bachelor of Arts*

The English Bible Major leads the student in an in-depth examination of the contents of both the Old and New Testament and exegesis of the English text. The student may opt to study the Biblical languages. Theological-historical courses are required in the cognate to enable the students to interpret the Bible within a sound theological-historical framework.

<b>General Education</b>	<b>Credit Hours</b>
ePortfolio (Gen 099)	0
English (ENG 101, 305)	6
Foreign Language (2 semesters including 203)	6
Oral Communication (COM 101)	3
Humanities (HUM 111, 112, 213, 214)	12
Bible (BIB 222, 261)	6
Theology (THE 103)	3
Laboratory Science	8
Mathematics	3
American History (HIS 101)	3
American Government (GOV 101)	3
Social Sciences Elective (Choice of one of the following: PSY 201, FIN 244, SOC 101, SOC 201, BUS 201, SOC 323, SWK 202, MUS 208)	3
Health, Physical Education, and Recreation (Health Fitness I and II, swimming course or proficiency, six electives)	5
<b>General Education Total</b>	<b>61</b>

**Major**

BIB 362	Jesus and the Gospels	3
BIB 421	Pentateuch	3
BIB 438	Intertestamental Literature	3
BIB 499	Senior Paper	3

BIB	Electives in Old Testament*	9
BIB	Electives in New Testament*	9
<b>Major Total</b>		<b>30</b>

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

**Cognate**

THE 217	Research Seminar	3
THE 313	Systematic Theology I	3
THE 461	History of Christianity I: Early Church	3
BIB 306	Hermeneutics	3
CHRM 399	Signs and Wonders	3
<i>Choice of one of the following two courses:</i>		<i>3</i>
CHRM 305	Teaching the Bible	
CHRM 340	Sermon Preparation and Preaching	

<b>Cognate Total</b>	<b>18</b>
<b>Minor*</b>	<b>18</b>
<b>Elective</b>	<b>1</b>
<b>Degree Total</b>	<b>128</b>

\*Students majoring in English Bible must take a minor in an area other than Biblical literature (Old or New Testament).

**OLD TESTAMENT MAJOR (BLO)**

*Bachelor of Arts*

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

<b>General Education</b>	<b>Credit Hours</b>
ePortfolio (Gen 099)	0
English (ENG 101, 305)	6
Foreign language (2 semesters including 203)	6
Oral Communication (COM 101)	3
Humanities (HUM 111, 112, 213, 214)	12
Bible (BIB 222, 261)	6
Theology (THE 103)	3
Laboratory Science	8
Mathematics	3
American History (HIS 101)	3
American Government (GOV 101)	3
Social Sciences Elective (Choice of one of the following: PSY 201, FIN 244, SOC 101, SOC 201, BUS 201, SOC 323, SWK 202, MUS 208)	3
Health, Physical Education, and Recreation (Health Fitness I and II, swimming course or proficiency, six electives)	5
<b>General Education Total</b>	<b>61</b>

**Major**

BIB 311	Biblical Hebrew I	3
BIB 312	Biblical Hebrew II	3
BIB 319	Hebrew Exegesis	3
BIB 332	Old Testament Historical Books	3
BIB 421	Pentateuch	3
BIB 424	Hebrew Prophets	3
BIB 437	Psalms and Wisdom Literature	3
BIB 499	Senior Paper	3

BIB	Electives	6
<b>Major Total</b>		<b>30</b>

**Cognate**

THE 217	Research Seminar	3
THE 313	Systematic Theology I	3
THE 461	History of Christianity I: Early Church	3
BIB 306	Hermeneutics	3
CHRM 399	Signs and Wonders	3
<i>Choice of one of the following two courses:</i>		<i>3</i>
CHRM 305	Teaching the Bible	
CHRM 340	Sermon Preparation and Preaching	

<b>Cognate Total</b>	<b>18</b>
<b>Minor</b>	<b>18</b>
<b>Elective</b>	<b>1</b>

<b>Degree Total</b>	<b>128</b>
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\*Students majoring in English Bible must take a minor in an area other than Biblical literature (Old or New Testament).

**NEW TESTAMENT MAJOR (BLN)**

*Bachelor of Arts*

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

<b>General Education</b>	<b>Credit Hours</b>
ePortfolio (Gen 099)	0
English (ENG 101, 305)	6
Foreign Language (2 semesters including 203)	6
Oral Communication (COM 101)	3
Humanities (HUM 111, 112, 213, 214)	12
Bible (BIB 222, 261)	6
Theology (THE 103)	3
Laboratory Science	8
Mathematics	3
American History (HIS 101)	3
American Government (GOV 101)	3
Social Sciences Elective (Choice of one of the following: PSY 201, SWK 202, SOC 101, SOC 201, SOC 323, BUS 201, FIN 244)	3
Health, Physical Education, and Recreation (Health Fitness I and II, swimming course or proficiency, six electives)	5
<b>General Education Total</b>	<b>61</b>

**Major**

BIB 251	Biblical Greek I	3
BIB 252	Biblical Greek II	3
BIB 346	Luke-Acts	3
BIB 351	Greek Exegesis	3
BIB 362	Jesus and the Gospels	3
BIB 364	Pauline Epistles	3
BIB 372	Johannine Literature	3
BIB 499	Senior Paper	3
BIB	Electives*	6

<b>Major Total</b>	<b>30</b>
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**Cognate**

THE 217	Research Seminar	3
THE 313	Systematic Theology I	3
THE 461	Hist. of Christianity I: Early Church	3
BIB 306	Hermeneutics	3
CHRM 399	Signs and Wonders	3
<i>Choice of one of the following two courses:</i>		
CHRM 305	Teaching the Bible	3
CHRM 340	Sermon Preparation and Preaching	3

<b>Cognate Total</b>	18
<b>Minor</b>	18
<b>Elective</b>	1
<b>Degree Total</b>	128

\*Students majoring in English Bible must take a minor in an area other than Biblical literature (Old or New Testament).

## PASTORAL CHRISTIAN MINISTRIES MAJOR (PCM)

**Bachelor of Arts**

Students in the Pastoral Christian Ministries Major take general education courses (61 hours), a minor (18 hours), electives, and also choose one of the following areas of concentration (30 hours plus the corresponding cognate) in the major: (1) Christian education, (2) church administration, (3) evangelism, (4) local church pastor, (5) missions, (6) pastoral care, and (7) youth ministry.

<b>General Education</b>	<b>Credit Hours</b>
ePortfolio (Gen 099)	0
English (ENG 101, 305)	6
Foreign Language (2 semesters including 203)	6
Oral Communication (COM 101)	3
Humanities (HUM 111, 112, 213, 214)	12
Bible (BIB 222, 261, 358)	6
Theology (THE 103)	3
Laboratory Science	8
Mathematics	3
American History (HIS 101)	3
American Government (GOV 101)	3
Social Sciences Elective (Choice of one of the following: PSY 201, SOC 101, SOC 201, BUS 201, FIN 244, SOC 323, SWK 202, MUS 208)	3
Health, Physical Education, and Recreation (Health Fitness I and II, swimming course or proficiency, six electives)	5
<b>General Education Total</b>	61

**Major**

CHRM 499	Senior Paper	3
CHRM	Concentration*	27
<b>Major Total</b>		30

\*Students need to choose one of the concentrations and corresponding cognate listed here.

**■ Christian Education Concentration (CED)**

The Christian Education concentration is designed to prepare students for service within the broad scope

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

**Concentration**

CHRM 300	History and Philosophy of Christian Education	3
CHRM 303	Curriculum of Christian Education	3
CHRM 304	Education Ministries of the Church	3
CHRM 305	Teaching the Bible	3
CHRM 398	Ministry Practicum	3
CHRM 460	Church Administration	3
CHRM 456	Children's Ministry	3
CHRM/MISS	Electives	6

**Concentration Total** 27

**Cognate**

BIB 306	Hermeneutics	3
BIB	Old Testament elective	3
BIB	New Testament elective	3
CHRM 399	Signs and Wonders	3
THE 217	Research Seminar	3
THE 313	Systematic Theology I	3

**Cognate Total** 18

**■ Church Administration Concentration (CHAD)**

The Church Administration concentration is designed to educate and equip students to become church administrators. Students are trained in church administration, including organization, programming, aspects of leadership, and the relationship of the church to the denomination and society. They learn skills in the administration of non-profit organizations, principles of management and organizational behavior.

Students also acquire skills in preaching and teaching the Bible. This major emphasizes a strong Biblical/theological foundation and provides well-balanced training in the theory and practice of pastoral ministry.

**Concentration**

CHRM 460	Church Administration	3
CHRM 398	Ministry Practicum	3
CHRM 399	Signs and Wonders	3
<i>Choice of one of the following two courses:</i>		
CHRM 305	Teaching the Bible	3
CHRM 340	Sermon Preparation and Preaching	3
CHRM/MISS	Electives	6
MGT 130	Principles of Management	3
MGT 352	Organizational Behavior	3
MGT 465	Administration of Non-Profit Organizations	3
<b>Concentration Total</b>		27

**Cognate**

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

**Cognate Total** 18

**■ Evangelism Concentration (EVAN)**

The Evangelism concentration is designed to prepare students for service in the professional capacity of

itinerant evangelist or staff evangelist. It emphasizes a strong Biblical/theological foundation and provides well-balanced training in the theory and practice of evangelism.

**Concentration**

CHRM 335	Introduction to Evangelism	3
CHRM 340	Sermon Preparation and Preaching	3
CHRM 398	Ministry Practicum	3
CHRM 430	Evangelism Local Church	3
CHRM 431	Mass Media Evangelism	3
CHRM/MISS....	Electives	9
CHRM 399	Signs and Wonders	3

**Concentration Total** 27

**Cognate**

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

**Cognate Total** 18

**■ Missions Concentration (MISS)**

The missions concentration is designed to educate and prepare students to fulfill Jesus' commission to reach all nations with the witness of God's saving love. It is designed for students preparing for all types of service as domestic or foreign missionaries or tent-makers in both long-term and short-term cross-cultural ministry. It is also arranged to educate students for duties as church mission directors or supervisors. It emphasizes a strong Biblical/theological foundation and provides well-balanced training in the theory and practice of missions.

**Concentration**

MISS 300	History of Missions	3
MISS 309	Missions and Culture	3
MISS 325	Introduction to Christian Missions	3
MISS 333	Theology of Missions	3
MISS 397	Missions Internship	3
THE 303	Major Religions of the World	3
CHRM/MISS	Electives	6
CHRM 399	Signs and Wonders	3

**Concentration Total** 27

**Cognate**

BIB 306	Hermeneutics	3
BIB	Old Testament elective	3
BIB	New Testament elective	3
THE 217	Research Seminar	3
THE 313	Systematic Theology I	3
<i>Choice of one of the following two courses:</i>		
CHRM 305	Teaching the Bible	3
CHRM 340	Sermon Preparation and Preaching	3

**Cognate Total** 18

**■ Local Church Pastor Concentration (LCP)**

The local church pastor concentration is designed to educate and equip students to prepare God's people for righteous living and works of service so that the body of Christ is built and flourishes. Students receive broad knowledge and a diversity of skills in pastoral care, preaching, teaching the Bible, evangelism, mission work, and discipleship to develop pastoral attitudes and abilities that help them train, supervise, lead,

and nurture a local congregation of believers. It emphasizes a strong Biblical/theological foundation and provides well-balanced training in the theory and practice of pastoral ministry.

**Concentration**

MISS 404 Church Growth and Planting	3
CHRM 302 Christian Leadership	3
CHRM 315 Pastoral Care	3
CHRM 340 Sermon Preparation and Preaching	3
CHRM 398 Ministry Practicum	3
CHRM 460 Church Administration	3
CHRM/MISS Electives	6
CHRM 399 Signs and Wonders	3
<b>Concentration Total</b>	<b>27</b>

**Cognate**

BIB 306 Hermeneutics	3
BIB Old Testament elective	3
BIB New Testament elective	3
THE 217 Research Seminar	3
THE 313 Systematic Theology I	3
THE 461 Hist. of Christianity I: Early Church	3
<b>Cognate Total</b>	<b>18</b>

**■ Pastoral Care Concentration (PC)**

The pastoral care concentration is designed to educate and equip students with the philosophy, methods, and resources suitable for professional or lay ministry, equipping students for application of knowledge and skills to a broad range of pastoral settings. Students gain an understanding of the foundational approaches to pastoral care and an assessment of each approach's suitability and adaptability for use in Christian ministry. Training is provided in the basic skills necessary for lay counseling and pastoral care. It emphasizes a strong Biblical/theological foundation and provides well-balanced training in the theory and practice of pastoral ministry.

**Concentration**

CHRM 203 Foundational Approaches to Pastoral Care	3
CHRM 305 Teaching the Bible	3
CHRM 306 Pastoral Ministry Skills	3
CHRM 313 Prayer Ministry of the Care Giver	3
CHRM 314 Spiritual Formation in Pastoral Care	3
CHRM 398 Ministry Practicum	3
<i>Choice of three of the following courses:</i>	<i>9</i>
CHRM 307 Missions among the Poor	3
CHRM 310 Youth Culture and Faith Development	3
CHRM 402 Discipleship and Small Groups	3
CHRM 422 Advanced Seminar in Pastoral Care	3
THE 473 Theology and Philosophy in Modern Culture	3
SOC 201 Marriage and the Family	3
SOC 420 Minority Group Relations	3
<b>Concentration Total</b>	<b>27</b>

**Cognate**

BIB 306 Hermeneutics	3
BIB Old Testament elective	3
BIB New Testament elective	3
THE 217 Research Seminar	3
THE 313 Systematic Theology I	3
CHRM 399 Signs and Wonders	3
<b>Cognate Total</b>	<b>18</b>

**■ Youth Ministry Concentration (YMIN)**

The youth ministry concentration is designed to edu-

cate and equip students to be youth ministers in the local church. They gain an understanding of the foundations for ministry, roles and relationship of the youth minister, and administrative principles and strategies. Students receive broad knowledge and a diversity of skills in pastoral care, preaching, teaching the Bible, evangelism, mission work, and discipleship. It emphasizes a strong Biblical/theological foundation and provides well-balanced training in the theory and practice of youth ministry.

**Concentration**

CHRM 310 Youth Culture	3
CHRM 317 Introduction to Youth Ministry	3
CHRM 340 Sermon Preparation and Preaching	3
CHRM 398 Ministry Practicum	3
CHRM 453 Pastoral Care of Families with Youth	3
CHRM/BIB/THE Electives	9
CHRM 399 Signs and Wonders	3
<b>Concentration Total</b>	<b>27</b>

**Cognate**

BIB 306 Hermeneutics	3
BIB Old Testament elective	3
BIB New Testament elective	3
THE 217 Research Seminar	3
THE 313 Systematic Theology I	3
THE 401 Christian Ethics	3
<b>Cognate Total</b>	<b>18</b>

**Minor**

<b>Electives</b>	<b>1</b>
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**Degree Total**

<b>128</b>
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## THEOLOGICAL-HISTORICAL STUDIES MAJOR (THST)

**Bachelor of Arts**

The theological-historical studies major has two concentrations: theological-historical and Christian philosophy. Biblical courses are required in the cognate to enable students to demonstrate responsible Biblical interpretation within a theological-historical framework.

**General Education**

ePortfolio (Gen 099)	0
English (ENG 101, 305)	6
Foreign Language (2 semesters including 203)	6
Oral Communication (COM 101)	3
Humanities (HUM 111, 112, 213, 214)	12
Bible (BIB 222, 261)	6
Theology (THE 103)	3
Laboratory Science	8
Mathematics	3
American History (HIS 101)	3
American Government (GOV 101)	3
Social Sciences Elective (Choice of one of the following: PSY 201, FIN 244, SOC 101, SOC 201, BUS 201, SOC 323, SWK 202, MUS 208, Health, Physical Education, and Recreation (Health Fitness I and II, swimming course or proficiency, six electives)	5
<b>General Education Total</b>	<b>61</b>

**Major**

THE 499 Senior Paper	3
THE Concentration*	27
<b>Major Total</b>	<b>30</b>

\*Students need to choose one of the concentrations and corresponding cognate listed below:

**■ Theology and Church History Concentration (CHST)**

The theology and church history concentration leads the student into a topical, systematic, and historical approach to theology. Courses in this concentration give students a comprehension of the Christian past and an understanding of the theological dimension of Christian faith and its contemporary expressions. The concentration 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.

**Concentration**

THE 313 Systematic Theology I	3
THE 314 Systematic Theology II	3
THE 461 History of Christianity I: Early Church	3
THE 462 History of Christianity II: Medieval Church	3
THE 463 History of Christianity III: Reformation to Present	3
THE Electives*	12
<b>Concentration Total</b>	<b>27</b>

\*Electives must be approved by the advisor and chair.

**Cognate**

BIB 306 Hermeneutics	3
BIB Old Testament elective	3
BIB New Testament elective	3
<i>Choice of one of the following two courses:</i>	<i>3</i>
CHRM 305 Teaching the Bible	
CHRM 340 Sermon Preparation and Preaching	
CHRM 399 Signs and Wonders	3
THE 217 Research Seminar	3
<b>Cognate Total</b>	<b>18</b>

**■ Christian Philosophy Concentration (PHIL)**

The Christian philosophy concentration provides the student with the history, analysis, and evaluation of the various philosophies and philosophers—ancient, Medieval, modern, and contemporary—that most affect Christian life and thought. Students become aware of and conversant with the many streams of philosophical thought that people of the world have adopted, and they learn to develop sufficient Christian responses to each one. Christianity is a historic faith, based on the revelation of God, human history, and the carefully reasoned theology of the great Christian thinkers of the Church. Christians are kept from conforming to the world by the renewing of their minds and please God by the confession and use of their faith (Romans 12:2; Hebrew 11:6).

**Concentration**

THE 302 Introduction to Philosophy	3
THE 303 Major Religions of the World	3
THE 313 Systematic Theology I	3
THE 314 Systematic Theology II	3
THE 401 Christian Ethics	3
THE Electives*	9

COM 309	Argument and Persuasion	3
<b>Concentration Total</b>		<b>27</b>

\*Electives must be approved by the advisor and chair and may include HONR 102.

**Cognate**

BIB 306	Hermeneutics	3
BIB	Old Testament elective	3
BIB	New Testament elective	3
CHRM 399	Signs and Wonders	3
THE 217	Research Seminar	3
<i>Choice of one of the following two courses:</i>		3
CHRM 305	Teaching the Bible	
CHRM 340	Sermon Preparation and Preaching	

<b>Cognate Total</b>	<b>18</b>
<b>Minor</b>	<b>18</b>
<b>Elective</b>	<b>1</b>
<b>Degree Total</b>	<b>128</b>

## English Bible Minor (BLE)

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

BIB 306	Hermeneutics	3
BIB	Electives*	15
<b>Minor Total</b>		<b>18</b>

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

Note: If a student takes Biblical Greek or Hebrew to fulfill the BIB electives, both semesters of elementary Greek or Hebrew must be taken in order to count toward the minor.

## Old Testament Minor (BLO)

This minor is designed for students who are not Biblical literature majors. However, students pursuing a major within the Theology Department and wanting to minor in Old Testament need to have their programs approved by the department. Requirements for the Old Testament minor vary according to the major; however, the following courses must be included in either the major or in the Old Testament minor.

BIB 306	Hermeneutics	3
BIB 311	Biblical Hebrew I	3
BIB 312	Biblical Hebrew II	3
BIB 319	Hebrew Exegesis	3
BIB	Electives in Old Testament	6
<b>Minor Total</b>		<b>18</b>

## New Testament Minor (BLN)

This minor is designed for students who are not Biblical literature majors. However, students pursuing a major within the Theology Department and wanting to minor in New Testament need to have their programs approved by the department. Requirements for the New Testament minor vary according to the major;

however, the following courses must be included in either the major or in the New Testament minor.

BIB 251	Biblical Greek I	3
BIB 252	Biblical Greek II	3
BIB 306	Hermeneutics	3
BIB 351	Greek Exegesis I	3
BIB	Electives in New Testament	6

**Minor Total** 18

## Biblical Languages Minor (BLAN)

BIB 251	Biblical Greek I	3
BIB 252	Biblical Greek II	3
BIB 311	Biblical Hebrew I	3
BIB 312	Biblical Hebrew II	3
BIB 319	Hebrew Exegesis	3
BIB 351	Greek Exegesis I	3

**Minor Total** 18

## Preseminary Minor (PSM)

Requirements for the preseminary minor vary according to the major; however, the following courses must be included in the student's program, either in the major or preseminary minor.

BIB 222	Old Testament Introduction	3
BIB 261	New Testament Introduction	3
BIB 306	Hermeneutics	3
<i>Choice of one of the following two courses:</i>		3
BIB 251	Biblical Greek I	
BIB 311	Biblical Hebrew I	
<i>Choice of one of the following two courses:</i>		3
BIB 252	Biblical Greek II	
BIB 312	Biblical Hebrew II	
<i>Choice of one of the following two courses:</i>		3
THE 313	Systematic Theology I	
THE 461	History of Christianity I: Early Church	

**Minor Total** 18

## Christian Education Minor (CMC)

CHRM 304	Educational Ministries of the Church	3
CHRM 305	Teaching the Bible	3
CHRM 398	Ministry Practicum	3
CHRM 402	Discipleship and Small Groups	3
CHRM 460	Church Administration	3
CHRM 398	Ministry Practicum	3

**Minor Total** 18

## Church Administration Minor (CHAD)

CHRM 302	Christian Leadership	3
CHRM 460	Church Administration	3
MISS 404	Church Growth and Planting	3
MGT 130	Principles of Management	3

<i>Choice of one of the following two courses:</i>		3
MGT 352	Organizational Behavior	
COM 300	Organizational Communication	
<i>Choice of one of the following two courses:</i>		3
CHRM 307	Missions Among the Poor	
CHRM 398	Ministry Practicum	

**Minor Total** 18

## Evangelism Minor (CME)

CHRM 335	Introduction to Evangelism	3
CHRM 340	Sermon Preparation/Preaching	3
CHRM 430	Evangelism and the Local Church	3
BIB 306	Hermeneutics	3
<i>Choice of two of the following courses:</i>		6
CHRM 307	Missions Among the Poor	
CHRM 317	Introduction to Youth Ministry	
MISS 404	Church Growth and Planting	
CHRM 398	Ministry Practicum	
CHRM 402	Discipleship and Small Groups	
CHRM 431	Mass Media Evangelism	
CHRM 440	Advanced Preaching	
THE 304	Contemporary Religions of America	

**Minor Total** 18

## Missions Minor (CMN)

MISS 300	History of Missions	3
MISS 309	Missions and Culture	3
MISS 325	Introduction to Christian Missions	3
THE 303	Major Religions of the World	3
<i>Choice of two of the following courses:</i>		6
MISS 333	Theology of Missions	
MISS 397	Missions Internship	
MISS 404	Church Growth and Planting	
CHRM 307	Missions Among the Poor	
CHRM 402	Discipleship and Small Groups	

**Minor Total** 18

## Pastoral Care Minor (PC)

PSY 201	Introduction to Psychology	3
PSY 338	Psychology of Abnormal Behavior	3
CHRM 203	Foundational Approaches to Pastoral Care	3
CHRM 306	Pastoral Ministry Skills	3
CHRM 324	Pastoral Care	3
<i>Choice of one of the following courses:</i>		3
CHRM 314	Spiritual Formation in Pastoral Care	
CHRM 422	Advanced Seminar in Pastoral Care	

**Minor Total** 18

## Youth Ministry Minor (YM)

CHRM 305	Teaching the Bible	3
CHRM 310	Youth Culture	3
CHRM 315	Pastoral Care	3
CHRM 317	Introduction to Youth Ministry	3
<i>Choice of two of the following courses:</i>		6
CHRM 316	Outdoor Adventure and Camping in Youth Ministry	

CHRM 402 Discipleship and Small Groups  
 CHRM 453 Pastoral Care of Families with Youth

Minor Total 18

## Theological and Historical Studies Minor (THST)

THE 302	Introduction to Philosophy	3
THE 313	Systematic Theology I	3
THE 314	Systematic Theology II	3
THE 461	History of Christianity I: Early Church	3
THE	Elective	3

Choice of one of the following courses: 3

THE 462	History of Christianity II: Medieval Church	
THE 463	History of Christianity III: Reformation to Present	

Minor Total 18

## Christian Philosophy Minor (PHIL)

THE 302	Introduction to Philosophy	3
THE 401	Christian Ethics	3
THE 473	Theology and Philosophy in Modern Culture	3

Choice of three of the following courses: 9

THE 415	Christian Apologetics	
THE 463	History of Christianity II	
BIO 456	Contemporary Issues: Ethics	
ENG 421	English Victorian Period (or other period course)	
ENG 450	Literary Criticism	
FRE 407	Age of the Philosophers	
GER 305	German Civilization and Culture	
GOV 331	Western Political Theory	
HIS 347	U.S. Societal and Intellectual History	
PSY 354	History and Systems of Psychology	
SPA 315	Latin American Civilization and Culture	

Minor Total 18

## Awards

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

**Outstanding Theology Senior Awards:** This recognizes the department's most worthy graduating senior in each of the following areas: Biblical literature, theological/historical studies, and practical ministry.

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

**Zondervan/Oral Roberts University Greek Award:** Zondervan Publishing House recognizes outstanding achievement in the study of Biblical Greek by awarding a Zondervan product and a commemorative medal and by arranging for the recipient's name to be engraved on a plaque displayed in the department. To be eligible, the student must be a graduating senior in the Theology Department and must have completed the four departmental Biblical Greek courses: BIB 251, BIB 252, BIB 351, BIB 352.

## Undergraduate Theology Course Offerings

Descriptions of the courses listed below are in the section titled Course Descriptions at the end of this catalog. Course descriptions are listed in alphabetical order by the prefix.

### Biblical Studies

BIB 222	Old Testament Introduction
BIB 251	Biblical Greek I
BIB 252	Biblical Greek II
BIB 261	New Testament Introduction
BIB 302	Historical Geography of the Holy Land
BIB 306	Hermeneutics: Principles of Biblical Interpretation
BIB 311	Biblical Hebrew I
BIB 312	Biblical Hebrew II
BIB 319	Hebrew Exegesis
BIB 332	Old Testament Historical Books
BIB 346	Luke-Acts
BIB 351	Greek Exegesis I
BIB 352	Greek Exegesis II
BIB 362	Jesus and the Gospels
BIB 363	Eschatology and the Book of Revelation
BIB 364	The Pauline Epistles
BIB 372	Johannine Literature
BIB 376	Hebrews and General Epistles
BIB 421	Pentateuch
BIB 424	Hebrew Prophets
BIB 437	Psalms and Wisdom Literature
BIB 438	Intertestamental Literature
BIB 455	Intensive Studies
BIB 457	Honors Assistant Practicum
BIB 499	Senior Paper

### Biblical Literature

BLIT 110	Survey of Old Testament Literature
BLIT 120	Survey of New Testament Literature

### Church Ministries

CHRM 203	Foundational Approaches to Pastoral Care
CHRM 300	History and Philosophy of Christian Education
CHRM 302	Christian Leadership
CHRM 303	Curriculum of Christian Education
CHRM 304	Educational Ministries of the Church
CHRM 305	Teaching the Bible
CHRM 306	Pastoral Ministry Skills
CHRM 307	Missions Among the Poor
CHRM 310	Youth Culture and Faith Development
CHRM 313	Prayer Ministry of the Caregiver
CHRM 314	Spiritual Formation in Pastoral Care
CHRM 315	Pastoral Care
CHRM 316	Outdoor Adventure and Camping in Youth Ministry
CHRM 317	Introduction to Youth Ministry
CHRM 333	Spiritual Warfare and the Practices of Ministry
CHRM 335	Introduction to Evangelism
CHRM 340	Sermon Preparation and Preaching
CHRM 360	Biblical Foundations of Worship and Prophetic Leadership
CHRM 398	Ministry Practicum
CHRM 399	Signs and Wonders
CHRM 402	Discipleship and Small Groups
CHRM 422	Advanced Seminar in Pastoral Care
CHRM 430	Evangelism and the Local Church
CHRM 431	Mass Media Evangelism
CHRM 440	Advanced Preaching
CHRM 453	Pastoral Care of Families with Youth
CHRM 455	Intensive Studies

CHRM 456 Children's Ministries  
 CHRM 457 Honors Assistant Practicum  
 CHRM 460 Church Administration  
 CHRM 499 Senior Paper

### Missions

MISS 300	History of Missions
MISS 309	Missions and Culture
MISS 325	Introduction to Christian Missions
MISS 333	Theology of Missions
MISS 397	Missions Internship
MISS 404	Church Growth and Planting

### Theological Historical

THE 103	Charismatic Life and the Healing Ministry
THE 217	Seminar in Theological Research
THE 302	Introduction to Philosophy
THE 303	Major Religions of the World
THE 304	Contemporary Religions in America
THE 313	Systematic Theology I
THE 314	Systematic Theology II
THE 401	Christian Ethics
THE 415	Christian Apologetics
THE 445	Charismatic Theology
THE 455	Intensive Studies
THE 457	Honors Assistant Practicum
THE 461	History of Christianity I: Early Church
THE 462	History of Christianity II: Medieval Church
THE 463	History of Christianity III: Reformation to Present
THE 470	Philosophy of Religion
THE 473	Theology and Philosophy in Modern Culture
THE 499	Senior Paper

# SCHOOL OF BUSINESS

**David Dyson, Ph.D., Dean**

**George Gillen, Ed.D., Chair, Undergraduate Department**

The School of Business at Oral Roberts University is firmly grounded in a concept of abundant life and the belief that all people are capable of finding prosperous living with God as their Source.

The comprehensive, integrated curriculum is designed to provide a business education with a commitment to the Christian way of life. The School of Business seeks to graduate well-qualified professionals who will provide expert business leadership as corporate leaders, entrepreneurs, government officials, counselors, nonprofit administrators, and teachers. The School of Business seeks to provide an education that will enable business graduates to manage people and resources within the context of Christian love and Biblical principles of concern for the welfare of the whole person. To this end, students are challenged to develop in body, mind, and spirit and to develop a perspective of wholeness in their personal lives so they might help their clients or students develop wholeness as a way of life.

The School of Business offers degrees at both the bachelors and masters levels and is a member of the ACBSP.

## Faculty

**Charles Atkins**.....Instructor of Business Administration B.S., Emporia State University, 1963; M.B.A., University of Houston, 1966.

**Ardith Baker**.....Instructor of Business B.S., Pittsburg State University, 1980; M.S., Oklahoma State University, 1992.

**Joe Cannon**.....Assistant Professor of Management B.S., Oklahoma State University, 1958; M.B.A., University of Oklahoma, 1962; J.D., Oklahoma City University, 1967.

**Robert Chapman**.....Instructor of Accounting B.B.A., University of Texas, 1987; M.P.A.C.C.Y., University of Texas, 1989; M.B.A., Texas Tech University, 1990.

**David A. Dyson**.....Professor of Business and Dean B.A., Oral Roberts University, 1973; M.B.A., 1978; Ph.D., University of Arkansas, 1988.

**George E. Gillen**.....Professor of Business and Chair, Undergraduate Department B.S., University of Tulsa, 1957; M.B.A., 1960; Ed.D., 1972.

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

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

**Rinne Martin**.....Professor of Finance B.S.M.E., University of Tulsa, 1968; M.B.A., 1973; Ph.D., University of Cincinnati, 1984.

**Walt MacMillan**.....Associate Professor of Management B.L.S., University of Oklahoma, 1992; M.S., Southern Nazarene University, 1994; Ph.D., Walden University, 1998.

**Mark Maynard**.....Associate Professor of Marketing B.S., Evangel College, 1969; M.S., Central Missouri State University, 1976; Ed.D., University of Arkansas, 1987.

**James Russell**.....Professor of Business B.S., Oklahoma State University, 1973; M.S., South Oklahoma State University, 1978; Ph.D., Virginia Polytechnic Institute and State University, 1981.

**Trudy Somers**.....Professor of Management B.A., Hanover College, 1966; M.S., Indiana University, 1982; Ph.D., University of Michigan, 1989.

**Terry M. Unruh**.....Assistant Professor of Accounting B.S., Oral Roberts University, 1977; M.B.A., 1980; C.P.A., 1994.

**Carol Maples Wilson**.....Assistant Professor of Business Administration B.S., Pittsburg State University, 1960; M.S., 1963.

**Marshal Wright**.....Associate Professor of Business B.S., Oral Roberts University, 1984; J.D., Regent University, 1987; M.B.A., Oral Roberts University, 1989; Ph.D., Regent University, 2003.

## Undergraduate Department

The undergraduate department of the School of Business offers the bachelor of science degree with majors in several areas: business administration, accounting, finance, international business, management, management information systems, and marketing.

## BUSINESS ADMINISTRATION MAJOR (BUS)

*Bachelor of Science*

Courses in business administration are for students seeking professional competence in business disciplines, basis for pursuit of graduate work in business administration, and certification for teaching business education in the secondary schools.

The business administration major is designed to provide background for young executives in business enterprise and industrial society. A broad background provides a basis for social understanding and appreciation of the interrelationships in business.

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

<b>General Education</b>	<b>Credit Hours</b>
ePortfolio (Gen 099)	0
English (ENG 101, 305)	6
Oral Communication (COM 101)	3
Humanities (HUM 111, 112, 213, 214)	12
Biblical Literature (BLIT 110, 120)	6
Theology (THE 103)	3
Laboratory Science	8
Mathematics (MAT 232)	3
American History (HIS 101)	3
American Government (GOV 101)	3
Social Sciences Elective (Choice of one of the following: PSY 201, SOC 323, SWK 202, SOC 101, SOC 201, MUS 208)	3
Health, Physical Education, and Recreation (Health Fitness I and II, swimming course or proficiency, six electives)	5
<b>General Education Total</b>	<b>55</b>

### Major

ACT 215	Principles of Financial Accounting I	3
ACT 216	Principles of Financial and Managerial Accounting II	3
ACT 320	Quantitative Analysis	3

MKT 130	Principles of Marketing	3
MGT 130	Principles of Management	3
MGT 431	Strategic Management	3
FIN 338	Financial Management	3
BUS 325	Business Law I	3
BUS 326	Business Law II	3
BUS 499	Senior Paper	3

**Major Total** 30

### Cognate

BUS 099	Business Seminar	0
BUS 099	Business Seminar	0
BUS 201	Principles of Economics I	3
BUS 202	Principles of Economics II	3
FIN 244	Personal Financial Planning	3
Choice of one of the following two courses:		3-4
CSC 112	Microcomputing Applications in Business	
MAT 201	Calculus	

**Cognate Total** 12-13

**Minor** 18

**Electives** 12-13

**Degree Total** 128

## ACCOUNTING MAJOR (ACT)

*Bachelor of Science*

The major in accounting is designed to prepare a student for professional accounting. When this specialization is combined with the broad foundation of the business concentration, the student has the potential of many opportunities within our industrial society. In order to meet the 150-hour requirement for CPA certification in most states, accounting majors are strongly encouraged to pursue the five-year professional MBA program.

<b>General Education</b>	<b>Credit Hours</b>
ePortfolio (Gen 099)	0
English (ENG 101, 305)	6
Oral Communication (COM 101)	3
Humanities (HUM 111, 112, 213, 214)	12
Biblical Literature (BLIT 110, 120)	6
Theology (THE 103)	3
Laboratory Science	8
Mathematics (MAT 232)	3
American History (HIS 101)	3
American Government (GOV 101)	3
Social Sciences Elective (Choice of one of the following: PSY 201, SWK 202, SOC 101, SOC 201, SOC 323, MUS 208)	3
Health, Physical Education, and Recreation (Health Fitness I and II, swimming course or proficiency, six electives)	5
<b>General Education Total</b>	<b>55</b>

### Major

ACT 215	Principles of Financial Accounting I	3
ACT 216	Principles of Managerial Accounting II	3
ACT 320	Quantitative Analysis	3
ACT 327	Intermediate Accounting I	3
ACT 328	Intermediate Accounting II	3
ACT 432	Managerial Cost Accounting	3
ACT 439	Auditing	3
ACT 442	Federal Income Tax Accounting	3

<i>Choice of two of the following courses:</i>		6
ACT 435	Accounting Information Systems	
ACT 443	Advanced Tax Accounting	
ACT 462	Advanced Accounting I	
ACT 463	Advanced Accounting II	
ACT 471	Estate and Gift Taxation	
<b>Major Total</b>		<b>30</b>
<b>Cognate</b>		
MKT 130	Principles of Marketing	3
MGT 130	Principles of Management	3
MGT 431	Strategic Management	3
BUS 099	Business Seminar	0
BUS 099	Business Seminar	0
BUS 201	Principles of Economics I	3
BUS 202	Principles of Economics II	3
BUS 325	Business Law I	3
BUS 326	Business Law II	3
BUS 499	Seminar and Senior Paper	3
CSC 112	Microcomputing Applications in Business	3
FIN 244	Personal Financial Planning	3
FIN 338	Financial Management	3
<b>Cognate Total</b>		<b>33</b>
<b>Electives*</b>		<b>10</b>
<b>Total</b>		<b>128</b>

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

## FINANCE MAJOR (FIN)

*Bachelor of Science*

The major in finance prepares a student for entry-level positions in finance. Specialization in finance is combined with the broad foundation of the business concentration. The basic courses offered cover corporate and personal areas. The necessary background for additional study of finance at the graduate level is also provided. The student majoring in finance is encouraged to enroll in the five-year professional program culminating in the M.B.A. finance profession.

<b>General Education</b>	<b>Credit Hours</b>	
ePortfolio (Gen 099)	0	
English (ENG 101, 305)	6	
Oral Communication (COM 101)	3	
Humanities (HUM 111, 112, 213, 214)	12	
Biblical Literature (BLIT 110, 120)	6	
Theology (THE 103)	3	
Laboratory Science	8	
Elementary Statistics	3	
American History (HIS 101)	3	
American Government (GOV 101)	3	
Social Sciences Elective (Choice of one of the following: PSY 201, SWK 202, SOC 101, SOC 201, MUS 208, SOC 323)	3	
Health, Physical Education, and Recreation (Health Fitness I and II, swimming course or proficiency, six electives)	5	
<b>General Education</b>	<b>55</b>	
<b>Major</b>		
ACT 327	Intermediate Accounting I	3
ACT 328	Intermediate Accounting II	3
ACT 442	Federal Income Tax Accounting	3
BUS 499	Seminar and Senior Paper	3

FIN 244	Personal Financial Planning	3
FIN 338	Financial Management	3
FIN 418	Investments	3
FIN 438	Advanced Financial Management	3
<i>Choice of two of the following courses:</i>		<b>6</b>
ACT 432	Managerial Cost Accounting	
ACT 443	Advanced Tax Accounting	
ACT 471	Estate and Gift Taxation	
MGT 351	Risk Management	
MGT 384	Real Estate Management	
FIN 303	Money and Banking Finance	
FIN 428	Bank Management	
FIN 452	Corporate Financial Decision-Making	
FIN 460	International Finance	
FIN 472	Principles of Estate Planning	
<b>Major Total</b>		<b>30</b>

<b>Cognate</b>		
ACT 215	Principles of Financial Accounting I	3
ACT 216	Principles of Managerial Accounting II	3
BUS 099	Business Seminar	0
BUS 099	Business Seminar	0
BUS 201	Principles of Economics I	3
BUS 202	Principles of Economics II	3
BUS 325	Business Law I	3
BUS 326	Business Law II	3
MGT 130	Principles of Management	3
MGT 431	Strategic Management	3

CSC 112	Microcomputing Applications in Business	3
MKT 130	Principles of Marketing	3
ACT 320	Quantitative Analysis	3

<b>Cognate Total</b>		<b>33</b>
<b>Electives</b>		<b>10</b>

<b>Degree Total</b>		<b>128</b>
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## INTERNATIONAL BUSINESS MAJOR (INB)

*Bachelor of Science*

The international business major prepares students for positions in international firms. All international business majors complete the foundational courses of the business concentration, along with foreign language and culture classes in the chosen business language minor (French, Spanish, German, Hebrew). Additional languages may be added to the program as needs dictate. International business majors are encouraged to enroll in the five-year professional program culminating in the M.B.A. degree with an international business or management concentration.

<b>General Education</b>	<b>Credit Hours</b>
ePortfolio (Gen 099)	0
English (ENG 101, 305)	6
Oral Communication (COM 101)	3
Humanities (HUM 111, 112, 213, 214)	12
Biblical Literature (BLIT 110, 120)	6
Theology (THE 103)	3
Laboratory Science	8
Mathematics (MAT 232)	3
American History (HIS 101)	3
American Government (GOV 101)	3

Social Sciences Elective (Choice of one of the following: PSY 201, SWK 202, SOC 101, SOC 201, MUS 208, SOC 323, FIN 244)	3
Health, Physical Education, and Recreation (Health Fitness I and II, swimming course or proficiency, six electives)	5
<b>General Education Total</b>	<b>55</b>

<b>Major</b>		
ACT 215	Principles of Financial Accounting I	3
ACT 216	Principles of Managerial Accounting II	3
ACT 320	Quantitative Analysis	3
FIN 338	Financial Management	3
MKT 130	Principles of Marketing	3
MKT 361	International Marketing	3
MGT 130	Principles of Management	3
MGT 431	Strategic Management	3
BUS 361	International Business	3
BUS 499	Seminar and Senior Paper	3

<b>Major Total</b>		<b>30</b>
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<b>Cognate</b>		
BUS 099	Business Seminar	0
BUS 099	Business Seminar	0
BUS 201	Principles of Economics I	3
BUS 202	Principles of Economics II	3
BUS 325	Business Law I	3

<i>Choice of one of the following two courses:</i>		<b>3-4</b>
CSC 112	Microcomputing Applications in Business (3 hrs.)	
MAT 201	Calculus I (4 hrs.)	

<b>Cognate Total</b>		<b>12-13</b>
<b>Business Language Minor* Total</b>		<b>20</b>
<b>Electives</b>		<b>10-11</b>

<b>Degree Total</b>		<b>128</b>
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\*Requirements for a business language minor are listed in the Modern Foreign Languages section of this catalog. Students with previous language experience may participate in the test-out program for majors and minors, thereby accelerating the completion of their minor. The Modern Foreign Languages Department has more information.

## MANAGEMENT MAJOR (MGT)

*Bachelor of Science*

The major in management prepares students for management and leadership positions in either a corporate or an entrepreneurial setting. All management majors complete the general business foundational courses, along with the core management courses.

Management majors must select one of two concentrations within the major course of study—organizational behavior/human resource management or entrepreneurship. The OB/HRM concentration is designed to equip the graduate with the necessary knowledge, skills, and abilities to function and lead effectively in a corporate business environment. The entrepreneurship concentration is designed to equip graduates with the knowledge, skills, and abilities necessary for success in either creating a new business venture or establishing a career in a corporate position with entrepreneurship aspects. Management majors are encouraged to enroll

in the five-year professional program culmination in the M.B.A. degree with a concentration in management.

<b>General Education</b>	<b>Credit Hours</b>
ePortfolio (Gen 099)	0
English (ENG 101, 305)	6
Oral Communication (COM 101)	3
Humanities (HUM 111, 112, 213, 214)	12
Biblical Literature (BLIT 110, 120)	6
Theology (THE 103)	3
Laboratory Science	8
Mathematics (MAT 232)	3
American History (HIS 101)	3
American Government (GOV 101)	3
Social Sciences Elective (Choice of one of the following: PSY 201, SWK 202, SOC 101, SOC 201, MUS 208, SOC 323)	3
Health, Physical Education, and Recreation (Health Fitness I and II, swimming course or proficiency, six electives)	5
<b>General Education Total</b>	<b>55</b>
<b>Major</b>	
MGT 130 Principles of Management	3
MGT 341 Business Communications	3
MGT 352 Organizational Behavior	3
MGT 431 Strategic Management	3
FIN 338 Financial Management	3
BUS 499 Seminar and Senior Paper	3
Choice of four of the following courses:	12
ACT 432 Managerial Cost Accounting	3
FIN 428 Bank Management	3
MGT 333 Supply Chain Management	3
MGT 351 Risk Management	3
MGT 353 Human Resource Management	3
MGT 384 Real Estate Management	3
MGT 421 Entrepreneurship	3
MGT 422 Small Business Basics	3
MGT 443 Executive Development	3
MGT 461 Conflict Resolution	3
MGT 465 Administration of Nonprofit Organizations	3
<b>Major Total</b>	<b>30</b>
<b>Cognate</b>	
MKT 130 Principles of Marketing	3
ACT 215 Principles of Financial Accounting I	3
ACT 216 Principles of Managerial Accounting II	3
ACT 320 Quantitative Analysis	3
BUS 099 Business Seminar	0
BUS 099 Business Seminar	0
BUS 201 Principles of Economics I	3
BUS 202 Principles of Economics II	3
BUS 325 Business Law I	3
BUS 326 Business Law II	3
CSC 112 Microcomputing Applications in Business	3
FIN 244 Personal Financial Planning	3
<b>Cognate Total</b>	<b>30</b>
<b>Electives</b>	<b>13</b>
<b>Degree Total</b>	<b>128</b>

## MANAGEMENT INFORMATION SYSTEMS MAJOR (MIS)

### *Bachelor of Science*

The management information systems major provides a broad background in business combined with a concentration in the field of computer analysis. The student will be prepared to enter a business firm with a thorough knowledge of information requirements, of executive decision-making, and of the computer system skills necessary to process and present this information. The program includes training in C programming, studies in current methods of systems analysis and design, and a task force approach to business analysis and problem-solving.

<b>General Education</b>	<b>Credit Hours</b>
ePortfolio (Gen 099)	0
English (ENG 101, 305)	6
Oral Communication (COM 101)	3
Humanities (HUM 111, 112, 213, 214)	12
Biblical Literature (BLIT 110, 120)	6
Theology (THE 103)	3
Laboratory Science	8
Mathematics (MAT 232)	3
American History (HIS 101)	3
American Government (GOV 101)	3
Social Sciences Elective (Choice of one of the following: PSY 201, SWK 202, SOC 101, SOC 201, MUS 208, SOC 323, FIN 244)	3
Health, Physical Education, and Recreation (Health Fitness I and II, swimming course or proficiency, six electives)	5
<b>General Education Total</b>	<b>55</b>

<b>Major</b>	
ACT 432 Managerial Cost Accounting	3
ACT 435 Accounting Information Systems	3
CSC 355 File Processing	3
CSC 381 Systems Analysis	3
CSC 382 Systems Design	3
CSC 441 Data Communication	3
CSC 455 Database Systems	3
FIN 338 Financial Management	3
MGT 341 Business Communications	3
BUS 499 Seminar and Senior Paper	3
<b>Major Total</b>	<b>30</b>

<b>General Business Concentration</b>	
MGT 130 Principles of Management	3
MGT 431 Strategic Management	3
ACT 215 Principles of Financial Accounting I	3
ACT 216 Principles of Managerial Accounting II	3
ACT 320 Quantitative Analysis	3
BUS 325 Business Law I	3
<b>Concentration Total</b>	<b>18</b>

<b>Business Cognate</b>	
BUS 099 Business Seminar	0
BUS 099 Business Seminar	0
BUS 201 Principles of Economics I	3
BUS 202 Principles of Economics II	3
MKT 130 Principles of Marketing	3
<b>Business Cognate Total</b>	<b>9</b>

<b>Computer Science Cognate</b>	
CSC 111 Introduction to Computing	3
CSC 112 Microcomputer Applications in Business	3
CSC 255 Data Structures	3
CSC 460 Object-Oriented Design	3
<b>Computer Cognate Total</b>	<b>12</b>
<b>Electives</b>	<b>4</b>
<b>Degree Total</b>	<b>128</b>

## MARKETING MAJOR (MKT)

### *Bachelor of Science*

The marketing major prepares a student for entry-level positions in marketing. Specialization in marketing gives the student the depth needed to understand and be productive in a marketing-oriented economy. The basic courses offered cover the field of marketing in some breadth and also provide the background necessary for additional study of marketing at the graduate level. The marketing major is encouraged to enroll in the five-year professional program culminating in the M.B.A.

<b>General Education</b>	<b>Credit Hours</b>
ePortfolio (Gen 099)	0
English (ENG 101, 305)	6
Oral Communication (COM 101)	3
Humanities (HUM 111, 112, 213, 214)	12
Biblical Literature (BLIT 110, 120)	6
Theology (THE 103)	3
Laboratory Science	8
Mathematics (MAT 232)	3
American History (HIS 101)	3
American Government (GOV 101)	3
Social Sciences Elective (Choice of one of the following: PSY 201, SWK 202, SOC 101, SOC 201, MUS 208, SOC 323)	3
Health, Physical Education, and Recreation (Health Fitness I and II, swimming course or proficiency, six electives)	5
<b>General Education Total</b>	<b>55</b>

<b>Major</b>	
MGT 341 Business Communications	3
MKT 130 Principles of Marketing	3
MKT 333 Consumer Behavior	3
MKT 334 Promotional Management	3
MKT 346 Sales Management	3
MKT 361 International Marketing	3
MKT 445 Marketing Research	3
MKT 447 Retail Management	3
MKT 455 Marketing Management	3
BUS 499 Seminar and Senior Paper	3
<b>Major Total</b>	<b>30</b>

<b>Cognate</b>	
ACT 215 Principles of Financial Accounting I	3
ACT 216 Principles of Managerial Accounting II	3
MGT 130 Principles of Management	3
MGT 431 Strategic Management	3
FIN 338 Financial Management	3
BUS 099 Business Seminar	0
BUS 099 Business Seminar	0
BUS 201 Principles of Economics I	3
BUS 202 Principles of Economics II	3

BUS 325	Business Law I	3
BUS 326	Business Law II	3
ACT 320	Quantitative Analysis	3
CSC 112	Microcomputer Applications in Business	3
FIN 244	Personal Financial Planning	3
<b>Cognate Total Electives</b>		<u>36</u> 7
<b>Degree Total</b>		<u>128</u>

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

Students whose vision includes the earning of the Master of Business Administration or the Master of Management degree may reduce the time necessary to complete their study by enrolling in the Fast Track Program. Students in their senior year of study may take up to six hours of graduate work per semester while completing the baccalaureate program. A student who completes nine or more hours may successfully finish the M.B.A. in 11 months and thus save a semester. To participate, a student should make application in the Adult Learning Service Center. General criteria used for acceptance include a 3.0 GPA and a major in a business or business-related discipline.

## General Business Minor (BUS)

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

BUS 201	Principles of Economics I	3
MKT 130	Principles of Marketing	3
MGT 130	Principles of Management	3
ACT 215	Principles of Financial Accounting I	3
Electives*	in accounting, finance, management, management information systems, and marketing courses.	6
<b>Minor Total</b>		<u>18</u>

\*Note: All prerequisites must be met for these electives.

## Nonprofit Business Minor (NPB)

This minor provides a foundational base of knowledge addressing the unique business issues facing the student interested in pursuing a career in or associated with nonprofit organizations.

ACT 215	Principles of Financial Accounting I	3
MKT 130	Principles of Marketing	3
MGT 130	Principles of Management	3
MGT 465	Administration of Nonprofit Organizations	3
<i>Choice of two from the following courses:</i>		6
ACT 216	Principles of Managerial Accounting II	
ACT 471	Estate and Gift Taxation	
FIN 244	Personal Financial Planning	
FIN 338	Financial Management	
FIN 472	Estate Planning	
MGT 461	Conflict Resolution	
<b>Minor Total</b>		<u>18</u>

## Awards

The undergraduate business program seeks to honor those students who have made a significant contribution in the areas of scholarship and leadership. The two awards presented annually are as follows:

**Outstanding Business Student.** This award recognizes the senior business student who has academically surpassed his or her contemporaries in the field of business. This award is based on the GPA accumulated on a minimum of 30 hours of business courses and is limited to those students who have earned at least 45 hours at ORU.

**Wall Street Journal Award.** This award is given to the senior business student who has demonstrated leadership, spirit, morale, scholarship, and work consistent with the overall purpose of the undergraduate business program and Oral Roberts University.

## Course Offerings (Undergraduate)

Descriptions of the courses listed below are in the section titled Course Descriptions at the end of this catalog. Course descriptions are listed in alphabetical order by the prefix.

### Accounting

ACT 215	Principles of Financial Accounting I
ACT 216	Principles of Managerial Accounting II
ACT 320	Quantitative Analysis
ACT 327	Intermediate Accounting I
ACT 328	Intermediate Accounting II
ACT 432	Managerial Cost Accounting
ACT 435	Accounting Information Systems
ACT 439	Auditing
ACT 442	Federal Income Tax Accounting
ACT 443	Advanced Tax Accounting
ACT 451	Accounting Internship
ACT 462	Advanced Accounting I
ACT 463	Advanced Accounting II
ACT 471	Estate and Gift Taxation

### Business

BUS 099	Business Seminar
BUS 201	Principles of Economics I (Macroeconomics)
BUS 202	Principles of Economics II (Microeconomics)

BUS 325	Business Law I
BUS 326	Business Law II
BUS 361	International Business
BUS 450	Special Topics in Business
BUS 451	Business Administration Internship
BUS 499	Senior Paper

### Finance

FIN 244	Personal Financial Planning
FIN 303	Money and Banking Finance
FIN 338	Financial Management
FIN 418	Investments
FIN 428	Bank Management
FIN 438	Advanced Financial Management
FIN 451	Finance Internship
FIN 452	Corporate Financial Decision Making
FIN 460	International Financial Management
FIN 472	Principles of Estate Planning

### 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 421	Entrepreneurship
MGT 422	Small Business Basics
MGT 431	Strategic Management
MGT 443	Executive Development
MGT 451	Management Internship
MGT 461	Conflict Resolution
MGT 465	Administration of Nonprofit Organizations
<b>Management Information Systems</b>	
MIS 212	Advanced Business Microcomputer Applications
MIS 347	Network Management
MIS 451	Management Information Systems Internship

### Marketing

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

## Graduate Department

The graduate program of the School of Business offers two degrees at the masters level: the Master of Business Administration (M.B.A.) and the Master of Management (M.MGT.). The curriculum at the graduate level is designed to equip students to make intelligent and ethical decisions and to communicate those decisions in a clear and concise manner. Students are taught to think strategically and to function effectively in both the short- and long-term. Each student is encouraged to develop a personal strategic plan and to develop a vision for his or her life.

ORU anticipates that full-time students can complete their masters degrees in three or four semesters. Part-time students may complete the program in six to twelve semesters, depending on the level of intensity of study that is chosen.

## Admission Requirements

Admission to graduate business degree programs is selective. Applicants must demonstrate academic achievement at the baccalaureate level; successful accomplishment in the workplace is beneficial. To assess an applicant's potential for success, the Admissions Committee reviews the student's transcripts; faculty, employer, and clergy recommendations; and scores on nationally normed examinations, primarily the Graduate Management Achievement Test (GMAT). Applicants must also demonstrate good character, Christian commitment, motivation, and discipline.

Upon admission to the School of Business, the student's transcripts are evaluated to determine any deficiencies in from the baccalaureate degree. Participants in this program may be required to take leveling courses in addition to courses required for the degree. Leveling courses are courses at the undergraduate level that help prepare students for the courses in this degree. A plan of study is then initiated with deficiencies listed. The degree process is subsequently monitored by the academic advisor.

The Admissions Committee calculates an index

score for each M.B.A. applicant by multiplying the grade-point average times 200 and adding the GMAT score. Admission in good standing is generally achieved when an index score is above 1000 and the writing score is average or better. Academic scholarships are generally awarded when the index score exceeds 1200 and are increased as the index score advances.

Admission to the Master of Management program is determined by an extensive review of the credentials required for admission. The student's GPA plays an important role in consideration, determining the extent of credentialing required. Students attempting the M.MGT. degree are not required to take leveling courses. However, the students are held accountable for obtaining the baseline knowledge through previous course work, self-study, and/or life experience.

## Chapel

To fulfill the chapel requirement, all graduate students must attend chapel services at ORU for a minimum of one regular semester. Special arrangements can be made for part-time students who are employed during regular chapel services. Students must attend chapel every semester they are enrolled in nine or more hours. Students enrolled in summer classes may also have chapel attendance requirements.

## Audit Policy

Graduate students may audit any graduate business course for which they have taken the prerequisites. The course instructor and Dean must approve all audits. Audits can never be changed to a letter grade for credit. Students must maintain regular class attendance to receive audit designation on their transcript.

## Course Load

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

## Probation

Graduate students are required to maintain a 3.0 grade-point average to remain in good standing and to graduate. A grade of "C" or better counts for degree credit. Students who fall below this level are placed on probation. Students on probation may not be eligible for financial aid. Students whose grade-point average remains below 3.0 for three consecutive semesters are subject to suspension from the program. Progress evaluation is normally conducted each summer or when a student has earned 12 or more hours.

## MASTER OF BUSINESS ADMINISTRATION (MBA)

The Master of Business Administration degree is considered the most flexible business-related degree on the graduate level. In addition to a broad range of basic courses, the M.B.A. program offers special training, research opportunities, and field assignments in individual areas of interest. ORU's M.B.A. program

emphasizes management strategy and techniques, long-range planning, organizational behavior, communication, motivation, business ethics, and moral principles. The importance of the human relations aspect of business affairs is recognized and stressed.

The M.B.A. degree at ORU provides both the benefit of broad managerial training and an area of specialization. Students may select a concentration (12 hours) in accounting, finance, international business, management, or marketing. All 12 hours need to be from one area (accounting, finance, international business, management, or marketing) and are comprised from one managerial course and one elective--both from the M.B.A.--plus six additional hours beyond the M.B.A. Any student pursuing one of these concentrations needs to consult with an advisor concerning the course selections.

ORU anticipates that full-time students with an undergraduate degree in business should be able to complete their M.B.A. within three semesters; students without academic training in business should be able to complete their degree in two years.

<b>Leveling Courses*</b>		<b>Credit Hours</b>
BUS 201	Principles of Economics I	3
BUS 325	Business Law I	3
MGT 130	Principles of Management	3
ACT 215	Principles of Financial Accounting I	3
ACT 216	Principles of Financial and Managerial Accounting II	3
MAT 232	Elementary Statistics	3
MKT 130	Principles of Marketing	3
FIN 338	Financial Management	3
<b>Leveling Courses Total</b>		<b>24</b>

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

<b>ORU Distinctive Courses</b>		<b>Credit Hours</b>
GTHE 507	Holy Spirit in the Now	2
GHPE 503	Graduate Health Fitness*	.5-1
<i>Choice of one of the following:</i>		.5
GHPE 515	Graduate Aerobics	
GHPE 525	Graduate Walk for Fitness	
HPER	Elective	
<b>ORU Distinctives Total</b>		<b>3-3.5</b>

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

<b>M.B.A. Managerial Courses</b>		<b>Credit Hours</b>
GMGT 561	Management/Organization Theory	3
GACT 562	Managerial Accounting	3
GFIN 563	Finance	3
GMKT 564	Marketing Management	3
GBUS 565	Strategic Management	3
GBUS 566	Management Simulation	1
GBUS 572	Business Ethics	2
GBUS 573	Business, Government, and Society	2
GBUS 582	Economic Theory	3
GBUS 585	Data Analysis, Statistics, and Decision Modeling	3
GBUS 598	Research Methodology	3
<i>Choice of one of the following:*</i>		3
GBUS	Elective	
GACT	Elective	
GFIN	Elective	
GINB	Elective	

GMGT	Elective
GMKT	Elective

<b>M.B.A. Total</b>	<b>32</b>
<b>Degree Total</b>	<b>35-35.5</b>

\*Students planning to add a concentration need to select this elective from the area of concentration.

## Concentrations

Five optional concentrations are available to MBA students. Any interested student may complete one of the following by taking six additional hours in the area of the elective selected in the degree. Selection of courses must be with the approval of an advisor.

- **Accounting (GACT)**
- **Finance (GFIN)**
- **International Business (GINB)**
- **Management (GMGT)**
- **Marketing (GMKT)**

## Proficiencies

M.B.A. students must demonstrate proficiency in English, which may be demonstrated by satisfactory completion of an undergraduate business communications course or a graduate business communications course.

## MASTER OF MANAGEMENT (MMGT)

The Master of Management degree provides a multidisciplinary course of study preparing students with leadership skills and advanced training in the management of an organization's most valuable asset—its human resource. Master of Management students share many courses with the Master of Business Administration students and in addition take courses designed to provide a concentration in a specialized field of study. Two areas of concentration are currently offered: human resource management and nonprofit management.

Master of Management students come from various backgrounds of study (i.e., business, education, nursing, psychology, sociology, and theology). Students from these diverse areas desire a common outcome, enhanced human performance through better communication, goal setting, conflict resolution, team building, and leadership. The human resource concentration adds specialty courses in law, motivation, and compensation. The nonprofit concentration adds specialty courses in development, legal issues, estate planning, and finance/accounting.

<b>ORU Distinctive Courses</b>		<b>Credit Hours</b>
GTHE 507	Holy Spirit in the Now	2
GHPE 503	Graduate Health Fitness*	1
<i>Choice of one of the following:</i>		.5
GHPE 515	Graduate Aerobics	
GHPE 525	Graduate Walk for Fitness	
HPER	Elective	
<b>ORU Distinctives Total</b>		<b>3-3.5</b>

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

**Core Courses**

GMGT 551 Executive Development	2
GMGT 561 Management/Organizational Theory	3
GMGT 600 Leadership Studies	3
GMKT 564 Marketing Management	3
GBUS 504 Graduate Business Communications	2
GBUS 565 Strategic Management	2
GBUS 572 Business Ethics	2
GBUS 573 Business, Government, and Society	2
GMGT 560 Conflict Resolution	2

<b>Core Total</b>	<b>21</b>
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Students in this program need to choose one of the following concentrations:

■ **Human Resource Management Concentration (GHRM)**

GMGT 520 Advanced Human Resource Management	3
GMGT 522 Compensation and Benefits	2
GBUS 549 Legal Issues of Human Resource Management	2
TESL 513 Cross-Cultural Communication	3

<b>Human Resource Concentration Total</b>	<b>10</b>
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■ **Nonprofit Management Concentration (GNPM)**

GFIN 572 Principles of Estate Planning	2
GMGT 521 Administration of Nonprofit Organizations	3
GBUS 550 Legal Issues of Nonprofit Organizations	2
GMKT 550 Development of Nonprofit Organizations	2
GACT 580 Nonprofit Accounting and Finance	3

<b>Nonprofit Concentration Total</b>	<b>12</b>
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<b>Degree Total</b>	<b>34-36.5</b>
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## Awards

The School of Business seeks to recognize graduate students who exhibit superior characteristics in the areas of scholarship and leadership. Two awards are presented annually.

**The Award of Academic Excellence.** This is presented to the M.B.A. candidate and M.MGT. candidate who have the most outstanding academic record as evidenced by scholastic achievement and intellectual leadership.

**The Award of Distinguished Leadership.** This is presented to the graduate business student who has distinguished himself or herself as a leader through consistent demonstration of high-quality work, high morale, and a positive attitude.

**Business Scholarships,** available to graduate students in the School of Business, are available based on the student index scores. The minimum index score requirement is 1200, and scholarships range from \$500 to \$1200 per semester. Students need to contact the Adult Learning Service Center (ALSC) for more information.

**Continuation scholarships** are awarded to ORU baccalaureate graduates who choose to pursue graduate business study at ORU. Awards are for \$500 per

full-time semester up to a cumulative total of \$1,000. These awards are limited and are offered on a first-come basis with preference extended to students coming directly from baccalaureate study. Awards are only available to students who have received full or conditional acceptance.

## Course Offerings (Graduate)

Descriptions of the courses listed below are in the section titled Course Descriptions at the end of this catalog. Course descriptions are listed in alphabetical order by the prefix.

### Accounting

GACT 500 Internship
GACT 527 Intermediate Accounting I
GACT 528 Intermediate Accounting II
GACT 529 CPA Problems
GACT 532 Advanced Accounting I
GACT 533 Managerial Cost Accounting
GACT 539 Auditing
GACT 542 Federal Income Tax Accounting
GACT 543 Advanced Income Tax Accounting
GACT 562 Managerial Accounting
GACT 563 Advanced Accounting II
GACT 571 Estate and Gift Taxation
GACT 573 Estate and Gift Tax Accounting
GACT 580 Nonprofit Accounting and Finance

### General Business

GBUS 500 Internship
GBUS 504 Graduate Business Communications
GBUS 549 Legal Issues of Human Resource Management
GBUS 550 Legal Issues of Nonprofit Organizations
GBUS 556 Personal Financial Planning
GBUS 565 Strategic Management
GBUS 566 Management Simulation
GBUS 572 Business Ethics
GBUS 573 Business, Government, and Society
GBUS 582 Economic Theory
GBUS 585 Data Analysis, Statistics, and Decision Modeling
GBUS 598 Research Methodology
GBUS 599 Research

### Finance

GFIN 500 Internship
GFIN 514 Investments
GFIN 550 Commercial Bank Management
GFIN 555 Entrepreneurship
GFIN 563 Finance
GFIN 572 Principles of Estate Planning

### International Business

GINB 560 International Finance
GINB 570 International Marketing
GINB 580 Readings in International Business

### Management

GMGT 500 Internship
GMGT 520 Advanced Human Resource Management
GMGT 521 Administration of Nonprofit Organizations
GMGT 522 Compensation and Benefits
GMGT 551 Executive Development
GMGT 553 Organizational Behavior
GMGT 556 Small Business Basics
GMGT 560 Conflict Resolution
GMGT 561 Management/Organization Theory
GMGT 600 Leadership Studies

### Marketing

GMKT 500 Internship
GMKT 533 Consumer Behavior
GMKT 550 Development of Nonprofit Organizations
GMKT 564 Marketing Management

# SCHOOL OF EDUCATION

**David B. Hand, Ed.D., Dean**  
**Kim E. Boyd, Ed.D., Associate Dean; Director of Teacher Education**  
**Linda G. Dunham Ed.D., Chair, Undergraduate Department**  
**Patrick Otto, Ed.,D., Chair, Graduate Department**

## Faculty Undergraduate

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

**Kim Boyd**.....Associate Professor and Associate Dean; Director of the Teacher Education Program  
 B.A., Oral Roberts University, 1979; M.Ed., Northeastern State University, 1985; Ed.D., Oklahoma State University, 1996.

**Linda G. Dunham**.....Associate Professor and Chair, Undergraduate Department  
 B.A., Oral Roberts University, 1970; M.L.S., University of Michigan, 1971; Ed.D., Oklahoma State University, 1987.

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

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

**Gerald Landers**.....Assistant Professor  
 B.A., Oral Roberts University, 1974; M.A., Michigan State University, 1978.

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

**Denise Miller**.....Instructor  
 B.A., Oral Roberts University, 1981; M.A., 2002.

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

**Lisa Weis**.....Assistant Professor  
 B.S., Oklahoma State University, 1992; M.S., 1992.

## Graduate

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

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

**Hallett Hullinger**.....Associate Professor  
 B.S., College of William and Mary, 1975; M.Ed., 1982; Ed.D., Oklahoma State University, 1996.

**Mary Lou Miller**.....Associate Professor  
 B.S., Oklahoma State University, 1982; M.S., University of Tulsa, 1993; Ed.D., Oklahoma State University, 1999.

**Jim V. Myers**.....Professor  
 B.A., Oklahoma State University, 1965; M. N.S., University of Oklahoma, 1976; Ph.D., 1989.

**Timothy Norton**.....Associate Professor  
 B.A., Oral Roberts University, 1980; M.A., Regent University, 1984; Ed.S., College of William and Mary, 1986; Ed.D., 1995.

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

**Calvin Roso**.....Assistant Professor  
 B.A., University of Wisconsin, 1985; M.A., Oral Roberts University, 1997; Ed.D., 2004.

**Sherri Tapp**.....Assistant Professor  
 B.S., Tuskegee University, 1979; M.A., Oklahoma State University, 1982; Ed.D., 2002.

**Jeff Wetterman**.....Instructor  
 B.A. University of Tulsa, 1990; M.A., Oral Roberts University, 1996.

## Emeriti Faculty

**Dr. Clarence G. Oliver, Jr.**, 1992-1998

**Dr. Mauldin Ray**, 1965-1992

## Institutional Standards

Education is the shaping of the whole person: spirit, mind, and body. At the center of the education program at ORU is the understanding that true wisdom and knowledge come from God. The Bible is God's inspired Word and is upheld as the standard and central point of reference. The School of Education prepares administrators; curriculum specialists; and teachers for public, private, and Christian schools.

The mission of the School of Education is to provide the opportunity for individuals who hold Christian principles to participate in advanced study in preparation for professional public and private responsibilities in the field of education throughout the world.

The following are institutional standards of the School of Education, adopted by the School of Education Faculty Senate in support of the School of Education Mission Statement:

1. The candidate is a reflective, transformed educator who continually evaluates the effects of his or her decisions, dispositions, practices, and actions on others (students, parents, and other professionals) in the learning community from a Christian worldview.
2. The candidate is a reflective transformed educator who actively seeks out opportunities to grow professionally, and understands the State teacher evaluation process, "Oklahoma Criteria for Effective Teaching Performance."
3. The candidate plans instruction based on a Christian philosophy of education and promotes Godly principles among students, colleagues, parents, and agencies in the larger community.
4. The candidate plans instruction based on the principles of the whole person lifestyle, including the spiritual, physical, intellectual, social, and emotional aspect.
5. The candidate plans instruction based upon knowledge of subject matter, students, the community, the Oklahoma Core Curriculum and curricular goals gained through participation in multiple and varied clinical experiences.
6. The candidate understands the central concepts, tool of inquiry, and structures of the discipline(s) he or she teaches and can create learning experiences that make these aspects of subject matter meaningful for students.
7. The candidate uses knowledge of effective verbal, nonverbal and media communication techniques to foster active inquiry, collaboration, and supportive interaction in the classroom and to foster a love for continuous "life-long" learning.

8. The candidate demonstrates competencies in research and uses research findings and contextual information to foster active inquiry, collaboration, and supportive interaction in the classrooms and school environment.

9. The candidate understands how children learn and develop, and can provide learning opportunities that support their intellectual, social, spiritual, personal and career development.

10. The candidate demonstrates dispositions needed to foster relationships with school students, colleagues, parents, and agencies in the larger community to support students' learning and well-being and demonstrates an understanding of the legal aspects of teaching.

11. The candidate demonstrates the disposition of a transformed educator who actively seeks missionary opportunities to reach out to diverse populations, both locally and worldwide.

12. The candidate understands how students differ in their approaches to learning and creates instructional opportunities that are adapted to diverse learners.

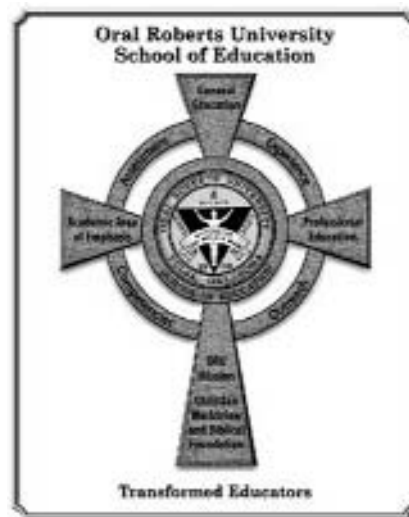
13. The candidate understands and uses a variety of instructional strategies to encourage students' development of critical thinking, problem solving, and performance skills.

14. The candidate understands and develops an assessment system that aggregates data collected from multiple formal and informal assessment instruments to evaluate student learning and instructional practices and informs program improvement.

15. The candidate uses technological resources to plan instruction and maintain assessment systems, and incorporates technology in student (research) learning activities.

16. The candidate uses an understanding of individual and group motivation and behavior to create a learning environment that encourages positive social interaction, active engagement in learning, and self-motivation.

## Conceptual Framework



### Transformed Educators—Romans 12:2

The conceptual framework for the School of Education forms the basis for course content, stated student outcomes, instruction, and assessment. The School of Education offers a diverse teacher preparation program designed to equip teachers for assignments in elementary and secondary schools. The three segments (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 Statement of Purpose, the School of Education conceptual model is rooted in the philosophical position that education is the shaping of the whole person: spirit, mind and body.

## Undergraduate Department

The School of Education administers programs that meet State of Oklahoma certification and licensure requirements in a variety of special content subject areas. The specialized studies are offered in cooperation with the School of Arts and Sciences and with the professional and pedagogical studies provided by School of Education faculty. All candidates for secondary education specialties and the combined elementary and secondary education specialties are required to complete study in a major field of concentration as part of the degree program.

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

**General Education.** The competent teacher is an informed and cultured person who (1) understands today's society, (2) is able to think critically, (3) has a firm grasp of research techniques, and (4) is aware of expanding knowledge in the behavioral, biological, and physical sciences. This person also has an aesthetic appreciation of the fine arts, as well as recreational skills. In keeping with the liberal arts emphasis of the University, the prospective teacher devotes time to appropriate courses in the liberal arts and sciences.

**Major.** The School of Education emphasizes the fact that there is no substitute for thorough preparation in the subject matter. Each pre-service teacher must complete a major as presented by the respective content area department.

**Professional Education.** Thorough preparation in the subject matter taught should be accompanied by mastery of teaching skills. The competent teacher has a breadth of general education and a depth of specialized preparation.

Each licensure area combines courses from general education, major, and professional education in such a way as to develop a student who is mentally alert, spiritually alive, physically disciplined, and socially adept to achieve the high goals of a competent, dedicated teacher.

## 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). For those students majoring in education or seeking a standard teaching certificate, admission to the program is a prerequisite for taking all professional education courses except PED 111, PED 121, PED 203, PED 222, and SED 353. Education majors must be admitted before they have completed 75 hours toward their education degrees. Students seeking alternative certification do not need to be admitted to the Professional Education

Program; however, they are eligible to enroll in only selected education courses.

Teacher certification and degree plans are approved by the Dean, upon recommendation of the Education Faculty Senate. The Dean and the Director of Teacher Education are the final certifying authorities for the University.

## Areas of Licensure

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

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

Programs leading to standard teaching licensure are available in the following areas:

### **Art Education Major—B.A.**

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

### **Early Childhood Major—B.S.**

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

### **Elementary Education Major—B.S.**

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

### **English Education Major—B.A.**

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

### **Health and Physical Education Major—B.S.**

With elementary/secondary school teaching licensure. (Offered through the cooperation of the Health, Physical Education, and Recreation Department.)

### **Mathematics Education Major—B.S.**

With secondary school teaching licensure. (Offered through the cooperation of the Computer Science and Mathematics Department.)

### **Modern Foreign Language Education Major—B.A.**

(French, German, or Spanish). With elementary and secondary school teaching licensure. (Offered through the cooperation of the Modern Foreign Language Department.)

### **Music Education Major—B.M.E.**

(Vocal and/or Instrumental). With elementary and secondary school teaching licensure. (Offered through the cooperation of the Music Department.)

### **Science Education Major—B.S.**

With secondary school teaching licensure. (Offered through the cooperation of the Biology; Chemistry; and Engineering, Physics, Physical Science Departments.)

### **Social Studies Education Major—B.A.**

With secondary school teaching licensure. (Offered through the cooperation of the History, Humanities, and Government Department.)

### **Special Education Mild-Moderate Disabilities Major—B.S.**

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

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

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

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

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

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

## Admissions Requirements

Teacher candidates must meet all of the following requirements before they are admitted to the Professional Education Program:

- Pass the Oklahoma General Education Test (OGET).
- Pass the Language Proficiency requirement: pass proficiency test or pass language 102 with a "C" or better.
- Complete 45 hours of college course work.
- Earn a GPA of 2.5 or above.
- Complete the entry level of the e-portfolio and submit for assessment by content area advisor.
- Pass the following courses and earn a "C" or above in each course:

E-portfolio: Journey to a Transformed Life (GEN 099)  
Oral Communications (COM 101)  
Reading and Writing in Liberal Arts (ENG 101)  
Foundations/Methods of Education (PED 203)  
Field-Base Experience (PED 111 or 121)

- Complete the application form and submit it to the PEP Admission and Retention chairperson.
- Meet for an interview with an admissions committee composed of a minimum of three faculty members. Recommendations without reservations must be received from the committee.
- Express interest in teaching as demonstrated by prior experiences and activities with children.
- Demonstrate personal traits that suggest potential for working with youth, parents, and other constituencies in education. This is determined by the evaluation from the Field-Based Experience supervisor and the admissions committee.

## Transfer Students

Transfer students are subject to the same requirements for admission to the Professional Education Program as nontransfer students. Transcripts and course descriptions from the previous school will be used by the teacher candidate's advisor and the Dean to determine the applicability of previous course work to the ORU Professional Education Program.

A Petition to Transfer form must be completed with required signatures and course description(s) for each course to be transferred to ORU. A copy of the course description from the catalog of the previous college or university and a copy of the transcript must accompany the Petition to Transfer before submitting it for signatures.

Transfer of courses to undergraduate or graduate degree programs that prepare teacher candidates for professional certification or licensure may not apply to degree requirements if such transfer of courses is prohibited or restricted by state law, regulations of the Oklahoma State Regents for Higher Education, or specific requirements for professional certification or licensure.

## Appeals

The teacher candidate will receive written notification of acceptance or rejection of the application for admission to the Professional Education Program. Applicants denied admission may submit an appeal to the School of Education Faculty Senate. If rejected by the Senate, an appeal can be submitted to the Dean of the School of Education, whose decision is final.

## Retention

Retention in the Professional Education Program will be in jeopardy for any of the following reasons:

- Any teacher candidate admitted to the program will be placed on probation at any time his or her GPA drops below 2.50. If after one semester on probation his or her GPA is still below 2.50, the candidate will be dropped from the program and will no longer be eligible to enroll in education courses until his or her GPA is 2.50.

Oral Roberts University retention policy states that no grade below "C" may apply toward the major or professional education courses. A course in which a "D" is earned may apply toward general education, minor, cognate, and general elective degree requirements.

- Teacher candidates who have not met the Professional Education Program admission requirements by the time they have completed 75 hours toward their degree will be required to change majors and will not be permitted to enroll in courses leading to a degree in Education.

- Admittance to the Professional Education Program does not of itself assure the teacher candidate of becoming a teacher. In addition to the specified number of hours with the designated GPA, candidates for teaching are viewed in light of their total educational, social, and professional qualifications.

- The Oklahoma Commission for Teacher Preparation requires passing grades on the Oklahoma General Education Test (OGET), the Oklahoma Subject Area Test (OSAT), and the Oklahoma Professional Teaching Examination (OPTE).

## Background Check and Felony Disclosure

The Oklahoma State Department of Education requires fingerprinting and background checks for all students working in education.

In response to legislation, Title 70 O.S., Supp. 1985, and 3-104.1, every applicant is required to answer the following questions:

- During the preceding ten-year period, have you ever been convicted of a felony?
- During the preceding ten-year period, have you ever been convicted of a crime involving moral turpitude?

If the answer to either of the preceding questions is "Yes," state on a separate sheet of paper the nature of the charge and in what court you were convicted.

## Language Proficiency

The Oklahoma Regents for Higher Education now require all students seeking a teaching certificate in any subject area to have "listening and speaking skills at the Novice High level in a language other than English." The Modern Foreign Languages Department schedules the tests, and the teacher candidate must participate on the assigned day. Individual test dates for a candidate are not available. Candidates who plan to apply for the teacher preparation program at Oral Roberts University must complete one of the following requirements:

- Pass the Language Proficiency Skills Test given periodically by the Modern Foreign Language Department. Currently, tests have been prepared in Spanish, French, and German. Once the teacher candidate passes this test, the Proficiency (PRF #001) will appear on the candidate's official transcript.
- Complete the equivalent of ORU's elementary 102 course in a foreign language with a grade of a 'C' or better.
- Transfer foreign language to ORU.
- Complete foreign language through the Advanced Placement program prior to matriculation.
- Pass the foreign language CLEP test prior to matriculation.

## ePortfolio

Teacher education in Oklahoma is competency-based with three integrated knowledge bases: general knowledge, subject matter knowledge, and pedagogy. The programs include extensive field experiences and the ongoing development of an electronic professional portfolio in which teacher candidates are asked to record, integrate, and reflect on their preservice experiences in the programs.

In accordance with the requirements of the Oklahoma Commission for Teacher Preparation (OCTP), the School of Education at Oral Roberts University requires all education majors to prepare an electronic portfolio. The OCTP defines a portfolio as follows: "A documented profile of an individual's accomplishments, learning, and strengths related to the competencies, standards, and outcomes established by the Commission, State Regents, State Department of Education, and institution" (ORU). These collections of authentic, learner-specific documents are also acknowledgment that the development of a professional educator is an individualized process. These artifacts reflect the teacher candidate's progress over a period of time and provide useful information in assessing the success of the program in meeting its goals and maintaining the required competencies.

At this time, the portfolio process for the teacher preparation program at Oral Roberts University is divided into four levels. The entry level must be completed before the teacher candidate may complete the Professional Education Program Interview, which determines the candidate's admission to the teacher preparation program. The intermediate level is completed before making application for the Internship/Student Teaching experience. The capstone level is completed during the student teaching/internship. The professional level is completed after the student teaching/internship. The portfolio process is continually reviewed by the School of Education Faculty Senate; therefore, requirements for the portfolio may be revised in the future.

The portfolio is an assessment instrument to determine if the teacher candidate is meeting requirements and competencies as set by Oral Roberts University, the School of Education, and the Oklahoma Commission for Teacher Preparation. Advisors, School of Education faculty, and/or committees are responsible for reviewing and indicating by rubrics, written comments, the evaluations of each portfolio. The teacher candidate may be asked to further develop his or her portfolio at any of the evaluation points before progressing through the program.

Portfolio items are recommended or required in each course in the program. The teacher candidate needs to collect a "tool box" or "working portfolio" throughout his or her program. The Professional Portfolio required to complete the teacher preparation

program is developed through the phases/levels listed above. After completing the program/degree, the candidate may draw from the professional portfolio in order to develop the interview portfolio he or she wishes to present to a future employer. It is recommended that candidates keep all artifacts collected over the years because future employers may ask for a variety of items to evaluate skills, talent, or experience.

The portfolio is a dynamic collection of artifacts that reflect the teacher candidate's development and mastery of competencies required by the School of Education and the Oklahoma Commission of Teacher Preparation. Benefits of the portfolio include the development of an individual's personal career action plan; clarification of career objectives and goals; self-reflection, assessment, and improvement; and facilitation in preparing application for employment or promotion.

## Admission to Student Teaching

Student teaching is the culminating experience of the Professional Education Program. It is during student teaching that the teacher in training puts into practice what has been learned both in the subject area and in professional education classes. Student teaching should be undertaken only upon reaching status as a senior-year teacher candidate. The candidate and advisor should discuss the point at which student teaching should be initiated.

The teacher in training must be formally admitted to the Professional Education Program before applying for student teaching, and the portfolio (phase II) must be completed prior to application. Applications for student teaching in the spring must be made by October 1 of the previous semester, and application for the fall must be made by February 15 of the previous semester. Applications are available in the School of Education office. The completed application, along with a current transcript indicating a cumulative GPA of at least 2.50, is given to the teacher candidate's advisor. The Coordinator of Student Teaching will notify the student of his or her acceptance and the candidate's specific placement into student teaching.

During the internship semester, all student teachers are required to attend the Professional Seminar/Portfolio meetings, which are held in the evenings. The Student Teacher Handbook has more information.

## PROFESSIONAL ELEMENTARY EDUCATION MAJOR (ELEM)

### with Dual Licensure

#### Bachelor of Science

Students choosing the elementary education major earn licensure in not only elementary education but also in a second area, either English as a second language or early childhood education.

General Education	Credit Hours
ePortfolio (Gen 099)	0
English (ENG 101, 305)	6
Oral Communication (COM 101)	3
Humanities (HUM 111, 112, 213, 214)	12
Biblical Literature (BLIT 110, 120)	6
Theology (THE 103)	3

Sociology (SOC 323)	3
Biology (lecture and lab)	4
Physical Science (lecture and lab)	4
Geography (PSC 350 lecture and lab)	4
Mathematics (MAT 151, 221, 222, 232)	12
American History (HIS 101)	3
American Government (GOV 101)	3
Health, Physical Education, and Recreation*	4.5
Health Fitness I and II, Basic First Aid/CPR, swimming course or proficiency, five electives.)	
<i>Choice of one of the following:</i>	0
PRF 001 Foreign Language Proficiency Modern Foreign Language 102 (4 hrs.)	
<b>General Education Total</b>	<b>67.5</b>

<b>Major</b>	
ELE 314 Reading and Language Arts	3
ELE 323 Children's Literature and the Library	3
ELE 344 Elementary Reading Methods with practicum	4
ELE 403 Literacy Assessment and Clinical Experience	3
ESL/ECE Concentration (ESL or ECE)	18
<b>Major Total</b>	<b>31</b>

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

<b>■English as a Second Language Concentration (ESL)</b>	
ESL 303 TESL Principles	3
ESL 315 Descriptive Linguistics	3
ESL 343 TESL Methods and Materials	3
ESL 353 TESL Curriculum Design	3
ESL 393 TESL Assessment	3
ESL 413 Cross-Cultural Communication	3
<b>ESL Concentration Total</b>	<b>18</b>

<b>■Early Childhood Education Concentration (ECH)</b>	
ECE 212 Foundations of Early Childhood Education and Physical Development	3
ECE 303 Symbol Development and Creativity of the Young Child	3
ECE 313 Psychosocial Development and Guidance of the Young Child	3
ESL 323 Cognitive Development of the Young Child	3
ECE 403 Childcare Administration	3
ESL 303 TESL Assessment	3
<b>ECE Concentration Total</b>	<b>18</b>

<b>Professional Education</b>	
PED 100* Education Seminar (every semester)	0
PED 111 Field Based Experience/Practicum (Elementary)	1
PED 203 Foundations and Methods of Education	3
PED 222 School Health Care	1
PED 313 Human Growth and Development	3
PED 361 Professional Education Seminar/Portfolio	0
PED 363 Educational Technology	3
PED 372 Classroom Management and Educational Law	3
PED 382 Educational Assessment	2

PED 401 Instructional Methods and Strategies: Elementary	3
PED 465** Intern/Student Teaching: Early Childhood	4
PED 475** Intern/Student Teaching: Elementary	4
SED 353 Introduction to Special Education: Mild-Moderate Disabilities	3
<b>Professional Education Total</b>	<b>30</b>
<b>Degree Total</b>	<b>128.5</b>

\*\*Students pursuing an ESL concentration may substitute PED 485 Intern/Student Teaching: 7-9 for either PED 465 or 475.

## SPECIAL EDUCATION MILD-MODERATE DISABILITIES MAJOR (SPED)

### with Dual Licensure Bachelor of Science

Students choosing the special education mild-moderate disabilities major earn licensure in not only special education but also in a second area, either English as a second language or elementary education.

<b>General Education</b>		<b>Credit Hours</b>
ePortfolio (Gen 099)		0
English (ENG 101, 305)		6
Oral Communication (COM 101)		3
Sociology (SOC 323)		3
Humanities (HUM 111, 112, 213, 214)		12
Biblical Literature (BLIT 110, 120)		6
Theology (THE 103)		3
Biology (lecture and lab)		4
Physical Science (lecture and lab)		4
Geography (PSC 350 lecture and lab)		4
Mathematics (MAT 151, 221, 222, 232)		12
American History (HIS 101)		3
American Government (GOV 101)		3
Health, Physical Education, and Recreation (Health Fitness I and II, Basic First Aid/CPR, swimming course or proficiency, five electives)		4.5
PRF 001 Foreign Language Proficiency		
<b>General Education Total</b>		<b>67.5</b>

<b>Major</b>	
SED 313 Assessment and Program Planning	3
SED 323 Parents and Families of Students with Special Needs	3
SED 352 Behavior Management Strategies	2
SED 363 Effective Instruction for Students with Mild-Moderate Disabilities	3
SED 403 Methods, Strategies, and Techniques for Teaching Students with Mild Disabilities	3
SED 423 Issues, Trends, and Curriculum Modification in Special Education	3
ESL/ELE Concentration (ESL or ELE)	13-16
<b>Major Total</b>	<b>30-33</b>

Students majoring in special education choose a concentration in either English as a second language or elementary education.

<b>■English as a Second Language Concentration (ESL)</b>	
ESL 343 TESL Methods and Materials	3
ESL 393 TESL Assessment	3
ESL 413 Cross-Cultural Communication	3
ELE 344 Elementary Reading Methods with Practicum	4
ELE 403 Literacy Assessment with Practicum	3
<b>ESL Concentration Total</b>	<b>16</b>

<b>■Professional Elementary Education Concentration (ELEM)</b>	
ELE 314 Reading and Language Arts	3
ELE 323 Children's Literature and the Library	3
ELE 344 Elementary Reading Methods with Practicum	4
ELE 403 Literacy Assessment with Practicum	3
<b>ELEM Concentration Total</b>	<b>13</b>

<b>Professional Education</b>	
PED 100 Education Seminar (every semester)	0
<i>Choice of one of the field-based courses:</i>	1
PED 111 Field-Based Experience (Elementary)	
PED 121 Field-Based Experience (Secondary)	
PED 203 Foundations and Methods of Education	3
PED 222 School Health Care	1
PED 313 Human Growth and Development	3
PED 361 Professional Education Seminar/Portfolio	0
PED 363 Educational Technology	3
PED 372 Classroom Management and Educational Law	3
PED 382 Educational Assessment	2
PED 401 Instructional Methods and Strategies: Elementary	3
ESL 303 TESL Principles	3
SED 353 Introduction to Special Education: Mild-Moderate Disabilities	3
<i>Choice of two of the following intern courses:</i>	8
PED 475 Student Teaching: Elementary (4 hrs.)	
PED 485 Student Teaching: 7-9 (4 hrs.)	
PED 495 Student Teaching: 10-12 (4 hrs.)	

<b>Professional Education Total</b>	<b>33</b>
<b>Degree Total</b>	<b>130.5-133.5</b>

## EARLY CHILDHOOD EDUCATION MAJOR (ECH) with Dual Licensure

### Bachelor of Science

Students choosing the early childhood education major earn licensure in not only early childhood education but also in a second area, either English as a second language or special education.

<b>General Education</b>		<b>Credit Hours</b>
ePortfolio (Gen 099)		0
English (ENG 101, 305)		6
Sociology (SOC 323)		3

Oral Communication (COM 101)	3	PED 401	Instructional Methods and Strategies: Elementary	3
Humanities (HUM 111, 112, 213, 214)	12	PED 465	Intern/Student Teaching: Early Childhood	4
Biblical Literature (BLIT 110, 120)	6	ESL 303	TESL Principles	3
Theology (THE 103)	3	SED 353	Introduction to Special Education: Mild-Moderate Disabilities	3
Biology (lecture and lab)	4	PED 475**	Student Teaching: Elementary	4
Physical Science (lecture and lab)	4			
Geography (PSC 350 lecture and lab)	4			
Mathematics (MAT 151, 221, 222, 232)	12			
American History (HIS 101)	3			
American Government (GOV 101)	3			
Health, Physical Education, and Recreation (Health Fitness I and II, Basic First Aid/CPR, swimming course or proficiency, four electives)	4.5			
PRF 001 Foreign Language Proficiency or Elementary Level				
<b>General Education Total</b>	<b>67.5</b>			

**Major**

ECE 212	Foundations of Early Childhood Education and Physical Development	3
ECE 303	Symbol Development and Creativity	3
ECE 313	Psychosocial Development and Guidance of the Young Child	3
ECE 323	Cognitive Development of the Young Child with Practicum	3
ELE 314	Reading and Language Arts	3
ELE 344	Elementary Reading Methods with Practicum	4
ELE 403	Literacy Assessment with Clinical Experience	3
ESL/SED	Concentration (ESL or SED)	9-14
<b>Major Total</b>		<b>31-36</b>

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

**English as a Second Language Concentration (ESL)**

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

**Special Education Concentration (SPED)**

SED 313	Assessment and Program Planning	3
SED 323	Parents and Families of Students with Special Needs	3
SED 352	Behavior Management Strategies	2
SED 403	Methods, Strategies, and Techniques for Teaching Students with Mild-Moderate Disabilities	3
SED 423	Issues, Trends, and Curriculum Modification in Special Education	3
<b>SED Concentration Total</b>		<b>14</b>

**Professional Education**

PED 100	Education Seminar (every semester)	0
PED 111*	Field-Based Experience/Practicum (Elementary)	1
PED 203	Foundations and Methods of Education	3
PED 222	School Health Care	1
PED 313	Human Growth and Development	3
PED 361	Professional Education Seminar/Portfolio	0
PED 363	Educational Technology	3
PED 372	Classroom Management and Educational Law	3
PED 382	Educational Assessment	2

		<b>Professional Education Total</b>	<b>33</b>
		<b>Degree Total</b>	<b>131.5-136.5</b>

\*Students with a concentration in English as a second language may substitute PED 121 for PED 111.

\*\*Students with a concentration in English as a second language may substitute PED 485 for PED 475.

## ELEMENTARY EDUCATION MAJOR (ELE) with Licensure

**Bachelor of Science**

This program is offered only through distance and modular courses, and unlike the on-campus program, it provides licensure in elementary education alone.

<b>General Education</b>	<b>Credit Hours</b>
ePortfolio (Gen 099)	0
English (ENG 101, 305)	6
Oral Communication (COM 101)	3
Humanities (HUM 111, 112, 213, 214)	12
Biblical Literature (BLIT 110, 120)	6
Theology (THE 103)	3
Sociology (SOC 323)	3
Biology (lecture and lab)	4
Physical Science (lecture and lab)	4
Geography (PSC 350 lecture and lab)	4
Mathematics (MAT 151, 221, 222, 232)	12
American History (HIS 101)	3
American Government (GOV 101)	3
Health, Physical Education, and Recreation (Health Fitness I and II and Fitness for Life I and II)	4
<i>Choice of one of the following:</i>	0
PRF 001 Foreign Language Proficiency (0 hrs.) Modern Foreign Language 102 (4 hrs.)	
<b>General Education Total</b>	<b>67</b>

**Major**

ELE 314	Reading and Language Arts	4
ELE 323	Children's Literature and the Library	3
ELE 342	Motor Learning, Games, and Activities	2
ELE 343	Fine Arts Methods (Art, Music, and Drama)	3
ELE 344	Elementary Reading Methods with practicum	4
ELE 364	Mathematics Methods	3
ELE 383	Science Methods	3
ELE 393	Social Studies Methods	3
ELE 403	Literacy Assessment and Clinical Experience	3
PED 303	TESL Principles	3
<b>Major Total</b>		<b>31</b>

**Professional Education**

PED 103	Introduction to Professional Education	1
PED 111	Field Based Experience/Practicum (Elementary)	1
PED 203	Foundations and Methods of Education	3
PED 224	School Health and Safety	1
PED 313	Human Growth and Development	3
<i>Choice of one of the following two courses:</i>		3
SED 353	Introduction to Special Education: Mild-Moderate Disabilities	
PED 353	Exceptional Individuals	
PED 361	Professional Education Seminar/Portfolio	1
PED 363	Educational Technology	3
PED 372	Classroom Management and Educational Law	3
PED 382	Educational Assessment	2
PED 475	Intern/Student Teaching: Elementary	10

**Professional Education Total** 31

**Degree Total** 129

## Professional Education Minor (PEM)

The minor in education is not accompanied by teaching licensure nor does it prepare the student for any licensure exam; however, it is recommended for students majoring in subject areas (such as English and mathematics) and who want to pursue alternative certification. More information is available in the School of Education and in the specific subject area departments listed in the School of Arts and Sciences section of this catalog.

Students wishing to earn an alternative teaching license in Oklahoma are required to complete a graduate level course in any subject area.

PED 203	Foundations and Methods of Education	3
PED 313	Human Growth and Development	3
PED 372	Classroom Management and Educational Law	3
SED 353	Introduction to Special Education: Mild-Moderate Disabilities	3
<i>Choice of one of the field-based courses:</i>		1
PED 111	Field-Based Experience (Elementary)	
PED 121	Field-Based Experience (Secondary)	
<i>Choice of one of the following three courses:</i>		2-3
ESL 303	TESL Principles (3 hrs.)	
PED 363	Educational Technology (3 hrs.)	
PED 382	Educational Assessment (2 hrs.)	
<i>Choice of one of the methods courses:</i>		3
PED 409	Instructional Methods and Strategies: Secondary and K-12	
ART 456	Secondary Art Methods and Evaluation	
ART 462	Elementary Art Methods and Evaluation	
BIO/CHE/PHY 429	Secondary Methods: Science	
ENG 470	Teaching English	
COM 450	Teaching Communication Arts	
HPER 452	Health, Physical Education, and Recreation Methods and Evaluation	
MUS 433	Elementary Music Methods and Evaluation	
MUS 442	Secondary Music Methods and Evaluation	
FRE/GER/SPA 456	Methods for Modern Language Curriculum Instruction	

**Minor Total** 18-19

## Education Minor (EDU)

The education minor is not accompanied by teaching licensure nor does it prepare the student for any licensure exam. The requirements of the minor are the completion of 18 hours of course work having the following prefixes: ELE, PED, SED, and ECE.

## Awards

The Undergraduate School of Education annually recognizes graduating seniors with the following awards: *Top Ten Education Graduating Senior Awards, the Outstanding Student Teacher Award (elementary, secondary, K-12), O. Radine Frisbie Special Education Award, William C. McQueen Children's Literature Award, Mauldin Ray Outstanding Undergraduate Award, and the Outstanding International/ Community Development Student.*

Students from all education certification areas are eligible to apply. Additional information and applications are available in the School of Education.

## Course Offerings (Undergraduate)

Descriptions of the undergraduate courses listed below are at the end of this catalog. Course descriptions are alphabetical by the prefix.

### Early Childhood Education

ECE 203	Organizing the Early Childhood Program
ECE 212	Foundations of Early Childhood Education and Physical Development
ECE 303	Symbol Development and Creativity of the Young Child
ECE 313	Psychosocial Development and Guidance of the Young Child
ECE 323	Cognitive Development of the Young Child
ECE 403	Childcare Administration

### Elementary Education

ELE 314	Reading and Language Arts
ELE 323	Children's Literature and the Library EC-8
ELE 342	Motor Learning, Games, and Activities
ELE 343	Fine Arts Methods (Art, Music, and Drama)
ELE 344	Elementary Reading Methods with Practicum
ELE 364	Mathematics Methods
ELE 403	Literacy Assessment and Clinical Experience
ELE 490	Research in Elementary Education

### English as a Second Language

ESL 303	TESL Principles
ESL 315	Descriptive Linguistics
ESL 316	Sociolinguistics
ESL 318	TESL Seminar
ESL 343	TESL Methods and Materials
ESL 353	TESL Curriculum Design
ESL 413	Cross-Cultural Communication
ESL 433	Literature in the ESL Context
ESL 452	History of the English Language
ESL 453	Structure of Modern English

### Professional Education

PED 100	Education Seminar
PED 103	Introduction to Professional Education
PED 104	Prior Learning Assessment
PED 111	Field-Based Experience (Elementary)
PED 121	Field-Based Experience (Secondary)
PED 203	Foundations and Methods of Education
PED 204	Foundations and Philosophy of Education

PED 222	School Health Care
PED 224	School Health and Safety
PED 303	TESL Assessment
PED 313	Human Growth and Development
PED 353	Exceptional Individuals
PED 361	Professional Education Seminar/Portfolio
PED 363	Educational Technology
PED 372	Classroom Management and Educational Law
PED 382	Educational Assessment
ELE 383	Science Methods
ELE 393	Social Studies Methods
PED 401	Instructional Methods and Strategies: Elementary, Early Childhood, and Special Education Seminar in Education
PED 404	Instructional Methods and Strategies: Secondary and K-12
PED 465	Student Teaching: Early Childhood
PED 475	Student Teaching: Elementary
PED 485	Student Teaching: 7-9
PED 490	Directed Study
PED 495	Student Teaching: 10-12
<b>Special Education</b>	
SED 104	American Sign Language for Educators
SED 313	Assessment and Program Planning
SED 323	Parents and Families of Students with Special Needs
SED 352	Behavior Management Strategies
SED 353	Introduction to Special Education— Mild-Moderate Disabilities
SED 363	Effective Instruction for Students with Mild-Moderate Disabilities
SED 403	Methods, Strategies, and Techniques for Teaching Students with Mild-Moderate Disabilities
SED 423	Issues, Trends, and Curriculum Modification in Special Education

## Graduate Department Masters Program

The masters program offers a master of arts degree and gives students a choice of one of six areas: (1) teaching with public school licensure, (2) curriculum development, (3) school administration, (4) postsecondary school administration, (5) early childhood education, and (6) teaching English as a second language. The course work is specifically designed to meet the needs of the students in the given area. Two are accredited by the State of Oklahoma's Commission for Teacher/Administration Preparation and lead to licensure/certification in teaching or in administration.

## Degrees through Correspondence and Summer Institute

Non-traditional students can seek a masters degree in education through a combination of courses offered online, through correspondence, and in the Summer Institute. Student may earn half the credit hours through correspondence/online courses and the other half by attending specially designed, two-week summer institute sessions in July. By attending three summers, graduate students can earn 18 hours of credit while completing the other 18 hours through correspondence/online courses during the school year—

thus earning the 36 credit hours needed for a masters degree in education. Due to the online, correspondence study, and on-campus summer course components, this program is administered through the Adult Learning Service Center (ALSC).

## Admission Procedures

To qualify for the master of arts, the applicant should have a baccalaureate degree with a minimum grade point average of 3.0 (on a 4.0 scale) from a regionally accredited undergraduate institution. To apply for admission, the applicant must submit the materials listed below to the Director of Graduate Admissions in the Adult Learning Service Center for evaluation.

## Degree-Seeking Students

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

- Application for admission including a signed Code of Honor pledge and personal sketch (available in the Adult Learning Service Center (ALSC))
- \$35 application fee
- Two academic/professional recommendations
- One clergy recommendation
- Baccalaureate degree from a regionally accredited institution (official transcript from each college/university attended)
- Graduate Record Exam (GRE) score of at least 800 or Miller Analogies Test (MAT) score of at least 40.
- Test of English as a Foreign Language (TOEFL) score of 550 for non-native English speakers
- Personal essay of 300 words defining the applicant's educational and personal goals, experiences, etc.
- Grade point average of 3.0 on a 4.0 scale
- Students may transfer nine semester hours of graduate courses toward a masters degree, providing the courses are approved by the ORU 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 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 course work before declaring a degree; otherwise course work beyond 12 credit hours is not applicable to a degree.

Non-degree-seeking students must maintain a 3.0 GPA while in graduate school. Students desiring to change from a non-degree status to a degree program, need to reapply and meet all admissions criteria as stated above.

Admission for non-degree status requires the following:

- Baccalaureate degree from a regionally accredited institution (official transcripts must be provided.)
- Non-degree application form (available in the ALSC)
- \$35 application fee

## Fast Track Program (Concurrent Undergraduate and Graduate Study)

An undergraduate student with a senior classification who needs less than a full course load for graduation may be permitted to enroll concurrently in courses appli-

cable to the graduate program on the following basis:

- Must have completed a minimum of 90 semester hours of course work with a minimum of 3.0 GPA
- Students are required to maintain a 3.0 in undergraduate and graduate studies in order to remain in the program.
- Students may need to complete additional admission requirements.

Fast Track allows six hours a semester for the student's undergraduate senior year. A total of 12 hours only is allowed in this program. No additional tuition is charged when total hours (undergraduate plus graduate) enrolled are between 12 and 18 hours each semester. A master of arts degree may be completed within one year after the undergraduate degree is granted.

## Readmission

If students fail to take at least one course per year, they must file for readmission. Full-time students who are readmitted and are enrolled continuously until graduation must fulfill the degree requirements of the year in which they re-enrolled. An exception may occur with changes in State of Oklahoma certification requirements. Part-time students must fulfill the degree requirements of the year of their graduation.

## Probation

Graduate students are required to maintain a 3.0 cumulative grade-point average to remain in good standing. Students who fall below this level are placed on probation. Students whose cumulative grade-point average remains below 3.0 for two consecutive semesters are subject to suspension from the program. The Graduate Education Student Handbook has additional guidelines.

## Degree Plan

Upon admission to the Graduate School of Education, students meet with their advisors to complete a degree plan sheet. The degree plan and all accompanying documents should be completed during the first enrollment. Students whose programs are designed for licensure/certification must have all transcripts evaluated by an advisor. The teacher/administrator programs designated for licensure or certification are accredited by the Oklahoma Commission for Teacher Preparation.

## Course Load

A student must enroll in at least nine hours per semester to be considered a full-time student. (A course load of 4.5 to 8.5 qualifies the student as half time.) A graduate student in the School of Education who receives a graduate assistantship must register on a full-time basis and cannot be on probation of any type.

## Masters Degree Examinations

Comprehensive written examinations are required of students pursuing a master of arts degree. An oral examination covering the thesis research is required of students pursuing the thesis option of the master of arts degree.

## TEACHING (CSTC) with Public School Licensure Master of Arts

This program is designed for the college graduate desiring to earn master of arts while obtaining a teaching license in a subject area at the secondary or K-12 level. Students wishing to pursue licensure at the elementary level must work with their advisors to design individual programs. Graduate students completing this degree should meet with their advisors in the School of Education, prior to meeting with content area advisors, so programs can be explained more thoroughly and so students can understand the available options.

At the beginning of the semester prior to student teaching, students must make application to the Student Teacher Program. Students should contact the Student Teacher Director for details. Application must be filed by February 15 to student teach in the fall semester of the following year and by October 15 to student teach during the spring semester. Participants in this program may be required to take leveling courses in addition to courses required for the degree. Leveling courses are courses at the undergraduate level that help prepare students for the courses in this degree.

<b>ORU Distinctive Courses</b>	<b>Credit Hours</b>
GTHE 507 Holy Spirit in the Now	2
GHPE 503* Graduate Health Fitness	.5-1
<i>Choice of one of the following:</i>	.5
GHPE 515 Graduate Aerobics	
GHPE 525 Graduate Walk for Fitness	
HPER Activities course	
<b>ORU Distinctives Total</b>	<b>3-3.5</b>

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

<b>Professional Education</b>	
GPED 500 Introduction to Education	1
GPED 502 School Health Care	1
GPED 503 History and Philosophy of Education	3
GPED 513 Human Growth and Development	3
GPED 571 Professional Education Seminar/ Portfolio	1
GPED 572 Classroom Management and Educational Law	3
GPED 582 Educational Assessment	2
<i>Choice of one of the following two courses:</i>	3
GPED 553 Exceptional Individuals	
GSED 553 Introduction to Special Education: Mild-Moderate Disabilities	
GPED 683 Educational Research Design	3
<i>Choice of appropriate methods class:*</i>	3
GPED 640 Instructional Methods and Strategies: Elementary, Early Childhood, and Special Education	
GPED 641 Instructional Methods and Strategies: Secondary and K-12	
<i>Choice of appropriate student teaching courses:</i>	10
GPED 675 Intern/Student Teaching: Elementary (5-10 hrs.)	
GPED 685 Intern/Student Teaching: 7-9 (5 hrs.)	
GPED 695 Intern/Student Teaching: 10-12 (5 hrs.)	

**Professional Education Total** 33

**Degree Total** 36-36.5

## SCHOOL CURRICULUM DEVELOPMENT (CSCD) Master of Arts

This program is designed for the college graduate interested in acquiring professional skills in curriculum development. Students receive training in critical assessment of curricula, as well as skill in the development of new curricula to meet particular educational needs.

<b>ORU Distinctive Courses</b>	<b>Credit Hours</b>
GTHE 507 Holy Spirit in the Now	2
GHPE 503* Graduate Health Fitness	.5-1
<i>Choice of one of the following:</i>	.5
GHPE 515 Graduate Aerobics	
GHPE 525 Graduate Walk for Fitness	
HPER Activities course	
<b>ORU Distinctives Total</b>	<b>3-3.5</b>

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

<b>Professional Education</b>	
GPED 503 History and Philosophy of Education	3
GPED 593 Evaluation for Administrators	3
GPED 683 Educational Research Design	3
GPED 690 Directed Study	3
GPED 835 Advanced Theories of Learning and Brain Research	3

**Professional Education Total** 15

<b>Curriculum Specialization</b>	
GCSE 533 Survey of Christian School Curriculum	3
GCSE 643 Issues in Education	3
GCSE 673 Internship (Curriculum)	3
GCSE 713 Educational Leadership and Supervision	3
GPED 753 Curriculum/Instructional Design and School Services	3
<i>Choice of three hours of the following courses:</i>	3
GCSE 603 Guidance and Counseling in Christian Schools (3 hrs.)	
GCSE 613 Organization and Administration of Christian Schools (3 hrs.)	
GSED 553 Introduction to Special Education: Mild-Moderate Disabilities (3 hrs.)	
GPED 563 Educational Technology (3 hrs.)	
GPED 572 Classroom Management and Educational Law (3 hrs.)	
GPED 693 Thesis (3 hrs.)	
GPED 723 School Finance (3 hrs.)	
GPED 733 School Law/Legal Issues in Education (3 hrs.)	

**Curriculum Specialization Total** 18

**Degree Total** 36-36.5

# SCHOOL ADMINISTRATION (SADM)

## Master of Arts

This program is designed for the college graduate interested in serving as a principal or school administrator in an elementary, middle school, or secondary setting. Students in this master of arts program choose a concentration in Christian/private education or in public education. The concentration in public schools prepares the student for Oklahoma State certification as elementary, middle school, or secondary school principal; certification is an option for the Christian/private school concentration. Students seeking State certification may not take more than eight credit hours of the degree program through correspondence and directed study combined. For Oklahoma certification, students must also pass the state examinations and meet internship and portfolio requirements.

Preparation for leadership in private Christian schools provides an in-depth study of the philosophy affecting organization and administration of schools, and extensive practical training is provided through clinical experiences.

Students choosing the concentration in public school administration become a certified elementary, middle school, or secondary principal while obtaining a master of arts degree. Courses are selected based on competencies covered on examinations for Oklahoma State certification.

<b>ORU Distinctive Courses</b>	<b>Credit Hours</b>
GTHE 507 Holy Spirit in the Now	2
GHPE 503* Graduate Health Fitness	.5-1
<i>Choice of one of the following:</i>	.5
GHPE 515 Graduate Aerobics	
GHPE 525 Graduate Walk for Fitness	
HPER Activities course	
<b>ORU Distinctives Total</b>	<b>3-3.5</b>

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

### Professional Education

GPED 503 History and Philosophy of Education*	3
GPED 683 Educational Research Design	3
GPED 723 School Finance	3
GPED 733 School Law/Legal Issues in Education	3
GPED 753 Curriculum/Instructional Design and School Services	3
<b>Professional Education Total</b>	<b>15</b>

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

### ■ Christian/Private School Administration Concentration

GPED 593 Evaluation for Administrators	3
GPED 834 Organization and Supervision of Programs for Exceptional Individuals	3
GCSE 613 Organization and Administration of Christian Schools	3
GCSE 683 Internship (Administration)	3
GCSE 713 Educational Leadership and Supervision	3
<i>Choice of one of the following:</i>	3
GPED 563 Educational Technology	

GPED 603 Guidance and Counseling in Christian Schools	
GPED 743 Organization and Administration of Public Schools **	
GPED 835 Advanced Theories of Learning and Brain Research	
GECE 523 Cognitive Development in the Young Child	
GCSE 533 Survey of Christian School Curriculum	
GCSE 690 Directed Study	
GCSE 693 Thesis	
<b>Christian School Concentration Total</b>	<b>18</b>

\*\*Students seeking State of Oklahoma certification must take this course.

### ■ Public School Administration Concentration

GPED 703 Advanced Psychology of Childhood and Adolescence	3
GPED 713 Educational Leadership, Supervision, and Evaluation	3
GPED 743 Organization and Administration of Public Schools	3
GPED 763 Human Resources in Education	3
GPED/GECE/GCSE/TESL Elective	3
<i>Choice of one of the following two courses:</i>	3
GPED 783 Internship/Practicum in Elementary School Administration	
GPED 793 Internship/Practicum in Secondary School Administration	
<b>Public School Concentration Total</b>	<b>18</b>
<b>Degree Total</b>	<b>36-36.5</b>

# POSTSECONDARY SCHOOL ADMINISTRATION (CPSA)

## Master of Arts

This program is designed for students who desire studies in the administration of postsecondary private schools, such as Bible schools or Bible institutes.

<b>ORU Distinctive Courses</b>	<b>Credit Hours</b>
GTHE 507 Holy Spirit in the Now	2
GHPE 503* Graduate Health Fitness	.5-1
<i>Choice of one of the following:</i>	.5
GHPE 515 Graduate Aerobics	
GHPE 525 Graduate Walk for Fitness	
HPER Activities course	
<b>ORU Distinctives Total</b>	<b>3-3.5</b>

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

### Professional Education

GPED 503 History and Philosophy of Education	3
GPED 593 Evaluation for Administrators	3
GPED 683 Educational Research Design	3
GCSE 733 Characteristics of the Adult Learner	3
<b>Professional Education Total</b>	<b>12</b>

### Administration Specialization

GPED 723 School Finance	3
GPED 733 School Law/Legal Issues in Education	3
GCSE 683 Internship	3
GCSE 713 Educational Leadership and Supervision	3
GCSE 723 Organization and Administration Postsecondary Schools	3
GCSE 743 Curriculum Survey and Design for Postsecondary Schools	3
<i>Choice of one of the following courses:</i>	3
GCSE 603 Guidance and Counseling in Christian Schools	
GCSE 643 Issues in Education	
GPED 563 Educational Technology	
GPED 835 Advanced Theories of Learning and Brain Research	
GPED 690 Directed Study	
GPED 693 Thesis	
<b>Administration Specialization Total</b>	<b>21</b>
<b>Degree Total</b>	<b>36-36.5</b>

# EARLY CHILDHOOD EDUCATION (GECE)

## Master of Arts

This program prepares the student for positions in early childhood education and child development that do not require state teacher certification.

<b>ORU Distinctive Courses</b>	<b>Credit Hours</b>
GTHE 507 Holy Spirit in the Now	2
GHPE 503* Graduate Health Fitness	.5-1
<i>Choice of one of the following:</i>	.5
GHPE 515 Graduate Aerobics	
GHPE 525 Graduate Walk for Fitness	
HPER Activities course	
<b>ORU Distinctives Total</b>	<b>3-3.5</b>

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

### Professional Education

GPED 503 History and Philosophy of Education	3
GSED 553 Introduction to Special Education: Mild-Moderate Disabilities	3
GECE 583 Directed Study	3
GPED 593 Evaluation for Administrators	3
<b>Professional Education Total</b>	<b>12</b>

### Early Childhood Education Specialization

GECE 503 Foundations of ECE	3
GECE 513 EC Program Development	3
GECE 523 Cognitive Development	3
GECE 533 Motor Skills, Health, and Nutrition	3
GECE 543 Guidance of the Young Child	3
GECE 552 Creative Arts and the Young Child	3
GECE 563 Language and Literacy	3
<b>Early Childhood Specialization Total</b>	<b>21</b>
<b>Degree Total</b>	<b>36-36.5</b>

## TEACHING ENGLISH AS A SECOND LANGUAGE (TESL)

### Master of Arts

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

<b>ORU Distinctive Courses</b>	<b>Credit Hours</b>
GTHE 507 Holy Spirit in the Now	2
GHPE 503* Graduate Health Fitness	.5-1
<i>Choice of one of the following:</i>	.5
GHPE 515 Graduate Aerobics	
GHPE 525 Graduate Walk for Fitness	
HPER Activities course	
<b>ORU Distinctives Total</b>	<b>3-3.5</b>

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

### TESL Courses

TESL 503 TESL Principles	3
TESL 513 Cross-Cultural Communication	3
TESL 515 Descriptive Linguistics	3
TESL 516 Sociolinguistics	3
TESL 543 TESL Methods and Materials	3
TESL 553 TESL Curriculum Design	3
TESL 563 TESL Internship	3
TESL 583 Structure of Modern American English	3
TESL 593 TESL Assessment	3
<i>Choice of two from the following courses:</i>	6
TESL 518 TESL Seminar	
TESL 520 Minority Group Relations	
TESL 573 History of the English Language	
TESL 633 Literature in ESL Context	
TESL 690 Directed Study	
GPED 563 Educational Technology	
<b>TESL Total</b>	<b>33</b>
<b>Degree Total</b>	<b>36-36.5</b>

## Doctoral Program (Ed.D.)

The Doctor of Education (Ed.D.) in Educational Leadership is designed to provide professionals in education an opportunity to refine their skills and knowledge base. The advanced graduate studies will be most beneficial to those who already possess substantial experience in teaching and administration.

The Ed.D. degree program is based on 60-credit hours of post-masters degree study, including a dissertation. The program focuses on two major emphases, one in public school administration and one in Christian school administration. Within the public school administration concentration are courses and competencies

that meet requirements for Oklahoma state certification for a superintendent of public schools. That program is designed in accordance with guidelines established by the Oklahoma Commission for Teacher and Administrator Preparation. Approved graduate students may pursue the state certification for the superintendency without completing the degree program or may pursue an individualized degree program without the superintendency certification. Within the Christian School Administration concentration are two components: preparing administrators for elementary and secondary schools, and preparing administrators for postsecondary Christian schools, colleges, and universities.

## Admission to the Program

Candidates for admission to the Ed.D. degree program are asked to submit a portfolio of items to a faculty admissions committee from the Graduate School of Education and/or other schools and departments within the University. The following items are required to be in the candidate's portfolio:

•**Application for admission.** Doctorate in Education (Ed.D.) plus the application fee of \$35.

•**Official transcripts.** Official transcripts of all college and university academic work.

•**Four recommendations.** Three recommendation forms completed by education professionals with masters degrees or above. The recommendations reflect the probability of success in the program. A fourth recommendation needs to be completed by a member of the clergy. (The clergy recommendation is waived for ORU alumni.)

•**Three samples of written work.** Term papers, articles, or class papers to provide evidence of ability to write a dissertation. One of the samples must be a personal essay defining the student's goals and objectives and discussing why the student wants to pursue an advanced degree.

In considering a candidate for admission, the faculty committee considers such items as a match of the Ed.D. program to career goals, space in the program, value-added diversity (age, gender, ethnicity, interests, talents, and geographic origin), and strength of recommendations. The committee may recommend unconditional admission, admission with specified conditions, admission on probation, or may deny admission. The admissions committee may also decide that leveling courses may be required of some applicants. (Leveling courses are courses at the undergraduate level that help prepare students for courses in the graduate degrees.)

## Transfer of Credit Hours

Candidates for the Ed.D. degree may request transfer of up to 12 credit hours of post-masters degree study from other institutions (1) if the courses are appropriate to the ORU program, (2) if grades earned were 3.0 or higher, and (3) if the course work was completed within 10 years of the date of application for admission. Transfer courses may not have been used for any other degree program.

## Transfer of Doctoral and Education Specialists Degree Programs

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 Oral Roberts University, may be considered for admission to the doctoral program. Such candidates may qualify to transfer up to 30 credit hours of course work, provided the courses are congruent with those offered as part of the Oral Roberts University 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.

## Probation

Doctoral students are required to maintain a 3.0 cumulative GPA to remain in good standing. Students who fall below this level are placed on probation. Students whose cumulative grade-point average remains below 3.0 for two consecutive semesters are subject to suspension from the program. Doctoral students must retake any doctoral core course in which they earn any grade below a B. The School of Education handbook has additional guidelines.

## Doctoral Degree Examinations

Comprehensive oral and written examinations are required of students pursuing the Ed.D. degree. The written examinations take place over several days. Both the oral and written examinations are scheduled by the School of Education and must be taken on campus. More information is available in the School of Education handbook.

## EDUCATIONAL LEADERSHIP (EDL)

### Doctor of Education

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

<b>Leveling Courses*</b>	<b>Credit Hours</b>
GPED 583 Statistical Research Methods	3
GPED 683 Educational Research Design	3

**Leveling Total**  **6**

\*These leveling courses do not count toward the degree total.

<i>ORU Distinctive Courses</i>	<i>Credit Hours</i>
GADM 882 Holy Spirit in Education	2
GHPE 503* Graduate Health Fitness	1
<i>Choice of two of the following:</i>	1
GHPE 515 Graduate Aerobics	
GHPE 525 Graduate Walk for Fitness	
HPER Activities course	
HPER Activities course	
<b>ORU Distinctives Total</b>	<b>4</b>

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

<i>Doctoral Core</i>	<i>Credit Hours</i>
GPED 503 History and Philosophy of Education	3
GADM 700 Leadership Studies	3
GADM 701 Contemporary Curriculum Issues	3
GADM 800 Organization Theory in Administration	3
GADM 810 Strategies for Educational Change	3
<b>Doctoral Core Total</b>	<b>15</b>

<i>Dissertation Block</i>	<i>Credit Hours</i>
<i>Choice of one of the two following courses:</i>	3
GADM 870 Quantitative Research	
GADM 875 Qualitative Research	
GADM 900 Doctoral Dissertation	8
GADM 901 Dissertation Prospectus Seminar	.5
<b>Dissertation Block Total</b>	<b>11.5</b>

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

**■Administration—Postsecondary Concentration (CPSA)**

This concentration is specifically designed for an experienced Christian school educator interested in advanced study to prepare for an executive or leadership assignment in postsecondary Christian schools, colleges, and universities.

GCSE 723 Organization and Administration of Postsecondary Schools	3
GCSE 733 Characteristics of the Adult Learner	3
GADM 703 Comparative Education	3
GADM 835 Resource Development	3
GADM 865 Education in the Adult Life Span	3
GADM/GCSE/GPED Electives*	15
<b>Concentration Total</b>	<b>30</b>

\*With advisor approval.

**■Christian School Administration (K-12) Concentration (CSEA)**

This concentration is specifically designed for an experienced Christian school educator interested in advanced study to prepare for an executive or leadership assignment in a Christian elementary and/or secondary school.

GCSE 613 Organization and Administration of Christian Schools	3
GCSE 643 Issues in Education	3
GADM 703 Comparative Education	3
GADM 835 Resource Development	3
GADM 840 School Facility Planning	3
GADM/GCSE/GPED Electives*	15
<b>Concentration Total</b>	<b>30</b>

\*With advisor approval.

**■Public School Administration Concentration (GPSA) (Superintendent Certification)**

This concentration is specifically designed for an experienced educator interested in advanced study to prepare for administrative assignments in public or private sector educational leadership assignments or executive assignments in public, Christian, or private schools that require state certification as a superintendent of schools.

According to the Oklahoma Commission for Teacher and Administrator Preparation and the Oklahoma State Department of Education, the requirements for certification as a superintendent of schools in the State of Oklahoma are as follows:

- Hold a valid Oklahoma state teaching certificate
- Have two years of successful teaching experience in a public school
- Have two years of administrative or supervisory experience in a public school
- Hold a masters degree from a regionally accredited university
- Pass the Oklahoma Subject Area Test for Superintendents

GADM 805 Superintendency	3
GADM 820 Superintendent's Role in Personnel Management and Evaluation	3
GADM 830 Business Management Practices in Education	3
GADM 840 School Facility Planning	3
GADM 850 Legal, Political, and Ethical Issues in Educational Administration	3
GADM 855 Instructional Theory and Practice	3
GADM/GCSE/TESL Electives*	12
<b>Concentration Total</b>	<b>30</b>
<b>Degree Total</b>	<b>60.6</b>

\*With advisor approval.

**Awards and Scholarships**

The School of Education annually presents Outstanding Graduate Education Student awards in the following areas: **Teaching English as Second Language (TESL), Christian School Administration, and Public School Administration.**

In addition, one award is presented to the person chosen as the **Outstanding Graduate Student.**

The Graduate School of Education annually presents an **Outstanding Doctor of Education Award** to a graduating Ed.D. student.

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

**Course Offerings (Graduate)**

Course descriptions for the graduate courses listed below are at the end of this catalog. Course descriptions are alphabetical or by the prefix.

**Administration**

GADM 700 Leadership Studies	
GADM 701 Contemporary Curriculum Issues	
GADM 703 Comparative Education	
GADM 800 Organizational Theory in Administration	
GADM 805 The Superintendency	
GADM 810 Strategies for Educational Change	
GADM 820 Superintendent's Role in Personnel Management and Evaluation	
GADM 830 Business Management Practices in Education	
GADM 835 Resource Development	
GADM 840 School Facility Planning	
GADM 845 Administration and Supervision of Programs for Exceptional Individuals	
GADM 850 Legal, Political, and Ethical Issues in Educational Administration	
GADM 855 Instructional Theory and Practice	
GADM 860 Instructional Technologies in Education	
GADM 865 Education in the Adult Lifespan	
GADM 870 Quantitative Research	
GADM 875 Qualitative Research	
GADM 880 Practicum in International Education	
GADM 882 Holy Spirit in Education	
GADM 885 Internship in Educational Leadership	
GADM 900 Doctoral Dissertation	
GADM 901 Dissertation Prospectus Seminar	
GADM 920 Directed Study	

**Christian School Education**

GCSE 511 Christian Worldview in the 21st Century	
GCSE 533 Survey of Christian School Curriculum	
GCSE 603 Guidance and Counseling in the Christian School Setting	
GCSE 613 The Organization and Administration of Christian Schools	
GCSE 643 Issues in Education	
GCSE 673 Internship (Curriculum)	
GCSE 683 Internship (Administration)	
GCSE 690 Directed Studies	
GCSE 693 Thesis	
GCSE 713 Educational Leadership and Supervision	
GCSE 723 Organization and Administration of Postsecondary Schools	
GCSE 733 Characteristics of the Adult Learner	
GCSE 743 Curriculum Survey and Design for Post-secondary Schools	

**Early Childhood Education**

GECE 503 Foundations of Early Childhood Education	
GECE 513 Early Childhood Program Development	
GECE 523 Cognitive Development in the Young Child	
GECE 533 Motor Skills, Health, and Nutrition	
GECE 543 Guidance for the Young Child/Child and Family in the Social Context	
GECE 552 Creative Arts and the Young Child	
GECE 563 Language and Literacy Development	
GECE 583 Directed Study	

**Graduate Professional Education**

GPED 502 Health Care for Education Majors	
GPED 503 History and Philosophy of Education	
GPED 513 Human Growth and Development	
GPED 533 Advanced Educational Psychology	
GPED 553 Exceptional Individuals	
GPED 563 Educational Technology	
GPED 571 Professional Education Seminar/Portfolio	

- GPED 572 Classroom Management and Educational Law
- GPED 582 Educational Assessment
- GPED 583 Statistical Research Methods
- GPED 584 Internship in K-12/Secondary Education
- GPED 593 Evaluation for Administrators
- GPED 640 Instructional Methods and Strategies: Elementary, Early Childhood, and Special Education
- GPED 641 Instructional Methods and Strategies: Secondary and K-12
- GPED 665 Student Teaching: Early Childhood
- GPED 670 Early Childhood Internship
- GPED 675 Student Teaching: Elementary
- GPED 683 Educational Research Design
- GPED 685 Student Teaching: 7-9
- GPED 690 Directed Studies
- GPED 693 Thesis
- GPED 695 Student Teaching: 10-12
- GPED 703 Advanced Psychology of Childhood and Adolescence
- GPED 704 Seminar in Education
- GPED 713 Educational Leadership, Supervision, and Evaluation
- GPED 723 School Finance
- GPED 733 School Law/Legal Issues in Education
- GPED 743 Organization and Administration of Public Schools
- GPED 753 Curriculum/Instructional Design and School Services
- GPED 763 Human Resources in Education
- GPED 773 School Public Relations
- GPED 783 Internship/Practicum in Elementary School Administration
- GPED 793 Internship/Practicum in Secondary Administration
- GPED 803 Guidance and Counseling for Elementary School
- GPED 813 Guidance and Counseling for Secondary School
- GPED 823 Group Relations/ Multicultural Education
- GPED 834 Organization and Supervision of Programs for Exceptional Individuals
- GPED 835 Advanced Theories of Learning and Brain Research
- Graduate Special Education**
- GSED 523 Parent and Families of Students with Special Needs
- GSED 553 Introduction to Special Education: Mild-Moderate Disabilities
- GSED 563 Effective Instruction for Students with Mild-Moderate Disabilities
- GSED 613 Assessment and Program Planning
- GSED 623 Issues, Trends, and Curriculum Modification in Special Education
- GSED 652 Behavior Management Strategies
- Teaching English as a Second Language**
- TESL 503 TESL Principles
- TESL 513 Cross-Cultural Communication
- TESL 515 Descriptive Linguistics
- TESL 516 Sociolinguistics
- TESL 518 TESL Seminar
- TESL 543 TESL Methods and Materials
- TESL 553 TESL Curriculum Design
- TESL 563 TESL Internship
- TESL 573 History of the English Language
- TESL 583 Structure of Modern American English
- TESL 593 TESL Assessment
- TESL 633 Literature in the ESL Context
- TESL 690 Directed Study

# ANNA VAUGHN SCHOOL OF NURSING

**Kenda Jezek, Ph.D., Dean**

## Faculty

**Mary Blankenship**.....Assistant Professor  
B.S.N., Arkansas State University, 1978; M.S.N., Oral Roberts University, 1991.

**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.

**Pamela DiVito-Thomas**.....Assistant Professor  
A.D.N., Tulsa Junior College, 1984; B.S.N., Northeastern State University, 1992; M.S., University of Oklahoma, 1995; Ph.D., University of Oklahoma, 2002.

**Laurie Doerner**.....Instructor  
B.S.N., Oral Roberts University, 1979; M.S.N., Oral Roberts University, 1987.

**Kenda K. Jezek**.....Associate Professor  
and Dean  
B.S., Oklahoma Baptist University, 1967; M.S., University of Oklahoma, 1978; Ph.D., University of Texas, 1993.

**Pam Shipley**.....Assistant Professor  
B.S., University of Tulsa, 1978; M.S., University of Oklahoma, 1985.

**Audrey Thompson**.....Assistant Professor  
B.S.N., University of Oklahoma, 1989; M.S.N., Oral Roberts University, 1994.

## Mission

The Oral Roberts University Anna Vaughn School of Nursing was established as an expression of the charismatic concern upon which the University was founded: healing for the totality of human need. It is the mission of the School of Nursing to contribute to the University's mission by preparing graduates whose ministry is nursing. Using the theory of nursing for the whole person as a theoretical framework for clinical practice, nursing graduates address the physical, psycho-social, and spiritual needs of individuals, families, and communities through the profession of nursing.

The school offers a generic baccalaureate program for persons initiating entry to the nursing profession and an ADN-BSN professional progression program for those persons already licensed as registered nurses who are seeking a baccalaureate degree in nursing. Overall program goals include preparation of a graduate who demonstrates excellence in nursing practice based on current theory and research; has acquired the basic competencies for ongoing education, formal or informal; and is prepared to successfully write the RN-NCLEX exam for licensure as a registered nurse.

## Curriculum Objectives

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

- 1.0 Synthesize critical thinking skills for professional nursing practice.
- 1.1 Utilize conceptual/theoretical frameworks to organize nursing practice.

1.2 Utilize the nursing process as a systematic approach for thinking through practice issues.

1.3 Use research as a tool for seeking answers to clinically significant nursing problems.

1.4 Analyze a client's health status in relation to patterns of interaction between internal and external environments.

1.5 Synthesize knowledge from liberal arts, applied sciences, and current research in the delivery of nursing care.

2.0 Communicate in a professional manner.

2.1 Utilize verbal language that conveys the intended meaning.

2.2 Utilize nonverbal language that conveys the intended meaning.

2.3 Integrate informatics as a means for communication.

2.4 Interpret client's values and beliefs in relation to health.

2.5 Operationalize the role of the nurse as communicator in health care.

3.0 Evaluate therapeutic nursing interventions within a pattern of professional practice.

3.1 Use liberal arts and professional education to minister to individuals, families, and communities through the professional nursing role.

3.2 Interpret nursing care as addressing spiritual, physical, mental, and social needs of clients in a culturally sensitive manner.

3.3 Implement goal-directed nursing actions that promote, maintain, and restore health/wholeness.

3.4 Accept personal responsibility and accountability in the implementation of therapeutic nursing interventions consistent with professional standards.

3.5 Demonstrate professional nursing practice in various roles and health care settings.

4.0 Demonstrate a leadership style for professional nursing practice.

4.1 Internalize Christian, professional, and social values for a career in nursing.

4.2 Value the Theory of Nursing for the Whole Person as a theoretical base for nursing practice.

4.3 Demonstrate competence in nursing practice based on theory and current research.

4.4 Mobilize resources vital to the health of individuals, families, and communities.

4.5 Demonstrate a commitment to an ongoing quest for personal wholeness.

## Nursing Program

### Application

To attend the School of Nursing, students must first apply for admission to the University. Application is available from the Admissions Office. A nursing-faculty committee reviews academic qualifications of nursing major candidates prior to admission to the first clinical nursing course (NUR 202). A candidate who (1) presents an academic record demonstrating that the stu-

dent can realistically achieve academic requirements for admission to upper-division nursing courses prior to the fall semester and (2) submits evidence of current physical/dental examinations, current immunizations, and tuberculin testing as well as current CPR training is accepted for enrollment in NUR 202. Formal admission to the nursing major by a nursing-faculty committee is required before enrollment in the upper-division nursing courses (fall-junior year).

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

## General Education Requirements

Students must have completed the general requirements specified in the nursing degree plan for the freshman and sophomore years prior to admission to upper-division nursing courses. The sequence of general education courses may require modification for transfer students. Changes in sequence must be approved by the faculty advisor and/or dean.

## Courses Prerequisite to the Major

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

## Grade Point Average Requirements

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

## TOEFL

Students who have English as a second language must take the TOEFL (Test of English as a Foreign Language) and present a score of at least 550.

## Medical and Health Requirements

Nursing students must submit evidence of physical and dental exams, current immunizations including tuberculin skin testing, and current CPR training prior to admission to the first clinical nursing course in the spring semester of the sophomore year. Immunizations, tuberculosis screening, and CPR training must be current throughout enrollment in clinical nursing courses.

## Continuation in the Program

Students enrolled in the nursing program must comply with the standards and regulations of the institution. Students in the upper-division sequence must maintain a cumulative and nursing GPA of 2.50 or above in all courses applicable to the major, with no grade below a "C" in professional courses. Students may repeat a professional nursing course only with permission. If a student is placed on probation in the process of earning the degree, one semester is allowed to restore the cumulative or nursing GPA of 2.50.

## Transfers

To transfer into nursing, students must have a cumulative GPA of 2.50. Students who have not earned a 2.50 GPA but believe they are capable of doing better work may be accepted as exploratory students in nursing. In this classification they have opportunities to demonstrate their ability to earn prerequisite and cumulative GPAs of 2.50 before enrolling in the upper-division sequence (junior year).

## Course Load

The average course load in the bachelor of science in nursing program is 17 credit hours each semester. Students may reduce the number of credit hours of non-nursing courses required during the regular academic year by taking courses during summer session or by correspondence.

## Incompletes

The general policy for incompletes is discussed in the Academic Information section of this catalog. Nursing courses must be completed before students can continue the nursing sequence.

## Honor Society

The purposes of the Oral Roberts University Anna Vaughn School of Nursing Honor Society, Mu Iota Chapter of Sigma Theta Tau, are to (1) recognize superior achievement, (2) recognize the development of leadership qualities, (3) foster high professional standards, (4) encourage creative work, and (5) strengthen commitment to the ideals and purposes of the profession.

Eligibility for membership is based upon outstanding scholastic achievement, superior professional accomplishments, and personal and professional commitment to excellence in nursing education, practice, and research.

## Cost

The cost of undergraduate education includes tuition, room/board, general fees, books, and supplies. Additional expenses include uniforms, immunizations, physical and dental examinations, annual CPR training, personal expenses, travel to and from the University for clinicals, and a laboratory fee of \$125 per semester to cover the costs of liability insurance, simulated laboratory supplies, and testing fees.

## NCLEX-RN Examination Eligibility

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, requirements include submission of an application for licensure with a criminal history records search and successfully passing the licensure examination. 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). 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 or who had sentencing terms imposed by the court related to a deferred sentence for a felony offense 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].

Regulatory Authority 59 O.S. §567.

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

## Background Checks for Nursing Students

The Oklahoma Board of Nursing requires that an applicant for a license to practice as a registered nurse shall submit to a criminal history records search conducted by the Oklahoma State Bureau of Investigation not less than three months old.

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

1. "Every childcare facility shall arrange, prior to employment, for a criminal history records search to be conducted by the Oklahoma State Bureau of Investigation for any person to be employed by the childcare facility" (10-404.1.A.2.a.).
2. "If an employee or contract employee of the childcare facility, or the contractor of the childcare facility has resided in Oklahoma for less than one (1) year, the criminal history records search shall also be obtained from such person's previous state of residence" (10-404.1.A.3.).

Some clinical agencies that provide children's services require that nursing students undergo criminal background checks. It is anticipated that more agencies will begin to apply the state statutes to nursing students.

Therefore, criminal background checks are conducted on all nursing students upon admission to the first clinical nursing course. Finds are filed with the University Office of Risk Management and confidentiality maintained. No student will be denied admission based on findings of the background check. However, a student needs to be aware that he or she may be denied participation in clinical learning experiences at some clinical agencies, precluding the student's achievement of course objectives essential to program completion.

## NURSING MAJOR (NUR)

### Bachelor of Science in Nursing

Nursing students who complete the four-year sequence of courses satisfactorily earn a Bachelor of Science in Nursing at Oral Roberts University. The curricular plan allows students to extrapolate from the University requirements aspects that are assets in nursing. The general college requirements and the general education core assist students to develop as unique individuals—body, mind, and spirit. The degree plan consists of four elements: a liberal arts/general education core (55 credit hours); prerequisite courses required for the major (25 credit hours, including 11 hours from the liberal arts core); an interdisciplinary cognate (8-9 credit hours); and professional nursing courses (54 credit hours). The requirements follow:

General Education	Credit Hours
ePortfolio (Gen 099)	0
English (ENG 101, 305)	6
Oral Communication (COM 101)	3
Humanities (HUM 111, 112, 213, 214)	12
Biblical Literature (BLIT 110,120)	6
Theology (THE 103)	3
Chemistry (CHE 101 Lecture and Lab)	4
Microbiology (BIO 310 Lecture and Lab)	4
Psychology (PSY 201)	3
Mathematics (MAT 232)	3
American History (HIS 101)	3
American Government (GOV 101)	3
Health, Physical Education, and Recreation (Health Fitness I and II, swimming course or proficiency, six electives)	5
<b>General Education Total</b>	<b>55</b>

### Prerequisite Courses for Nursing

Chemistry (CHE 101 Lecture and Lab) (listed in general education)	
Microbiology (BIO 310 Lecture and Lab) (listed in general education)	
Introduction to Psychology (PSY 201) (listed in general education)	
Developmental Psychology (PSY 301)	3
Nutrition (NUT 201)	3
Human Anatomy and Physiology (PHS 223 and PHS 224 Lectures and Labs)	8
<b>Prerequisites Total</b>	<b>14</b>

### Professional Nursing Courses

NUR 200 Called to Care	1
NUR 202 Foundations of Nursing	5
NUR 300 Health Assessment	1
NUR 301 Pharmacotherapeutics	2
NUR 304 Community Mental Health Nursing	4
NUR 305 Patterns of Health and Illness I	4
NUR 307 Patterns of Health and Illness II	7
NUR 400 Patterns of Health and Illness III	4
NUR 403 Patterns of Community Health	4
NUR 405 Patterns of Leadership	6
NUR 406 Patterns of Health and Illness IV	6
NUR 430 Patterns of Childbearing	4
NUR 477 NCLEX-RN Review	2
NUR 498 Research/Senior Paper I*	2
NUR 499 Research/Senior Paper II*	2
<b>Professional Nursing Total</b>	<b>54</b>

\*May be replaced with the honors equivalents.

Students need to choose one of the following concentrations:

**Business Concentration (BUSC)**

MGT 130	Principles of Management	3
<i>Choice of one of the following courses:</i>		
MGT 352	Organizational Behavior	3
MGT 353	Human Resource Management	3
<i>Choice of one of the following courses:</i>		
ACT 215	Principles of Financial Accounting	3
FIN 244	Personal Financial Planning	3
<b>Business Concentration Total</b>		<b>9</b>

**Missions Concentration (MISN)**

MISS 325	Introduction to Christian Missions	3
<i>Choice of two of the following courses:</i>		
MISS 309	Missions and Culture (3 hrs.)	5-6
NUR 478	Nursing Missions* (2-3 hrs.)	5-6
THE 401	Christian Ethics (3 hrs.)	8-9
THE 415	Christian Apologetics (3 hrs.)	8-9
<b>Missions Concentration Total</b>		<b>8-9</b>

\*Credit for only the course is 2 hours; credit for the course and the missions trip is 3 hours.

**Behavioral Science Concentration (BEH)**

SOC 101	Introduction to Sociology	3
<i>Choice of two of the following courses:</i>		
PSY 338	Psychology of Abnormal Behavior	6
SOC 212	Social Psychology	6
SOC 308	Cultural Anthropology	6
SOC 420	Minority Relations	6
<b>Behavioral Science Concentration Total</b>		<b>9</b>

**Degree Total** 131-132

# ADN to BSN Career Mobility Program

This program is designed to assist the registered nurse with an associate degree in nursing (ADN) to obtain a bachelor of science in nursing (BSN) from Oral Roberts University. Emphasis is on professional nursing as a ministry in meeting physical, psychosocial, and spiritual needs of individuals, families, and communities.

## Admission Criteria

- meet the requirements for admission to ORU,
- be graduates of NLN accredited ADN programs,
- have cumulative associate level grade-point averages of 2.50 on a 4.0 scale with no less than "C" in nursing or prerequisite courses,
- be currently licensed in Oklahoma as R.N.s, and
- provide proof of professional liability insurance.

## Degree Requirements

ADN students who have met the criteria for admission are awarded the following 24 semester hours of nursing credit:

<b>Advanced Placement</b>		<b>Credit Hours</b>
NUR 200	Called to Care	1
NUR 201	Foundations of Nursing	5
NUR 300	Health Assessment	1
NUR 301	Pharmacotherapeutics*	2
NUR 304	Community Mental Health Nursing	4
NUR 305	Patterns of Health and Illness I	4
NUR 307	Patterns of Health and Illness II	7
<b>Advanced Placement Total</b>		<b>24</b>

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

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

<b>General Education</b>		<b>Credit Hours</b>
ePortfolio (Gen 099)		0
English (ENG 101, 305)		6
Oral Communication (COM 101)		3
Humanities (HUM 111, 112, 213, 214)		12
Biblical Literature (BLIT 110,120)		6
Theology (THE 103)		3
Chemistry (CHE 101 Lecture and Lab)		4
Microbiology (BIO 310 Lecture and Lab)		4
Psychology (PSY 201)		3
Mathematics (MAT 232)		3
American History (HIS 101)		3
American Government (GOV 101)		3
Health, Physical Education, and Recreation (Health Fitness I and II, swimming course or proficiency, two electives)		3
<b>General Education Total</b>		<b>53</b>

**Prerequisite Courses for Nursing**

Chemistry (CHE 101 Lecture and Lab)	(listed in general education)	
Microbiology (BIO 310 Lecture and Lab)	(listed in general education)	
Introduction to Psychology (PSY 201)	(listed in general education)	
Developmental Psychology (PSY 301)		3
Nutrition (NUT 201)		3
Human Anatomy and Physiology (PHS 223 and PHS 224 Lectures and Labs)		8
<b>Prerequisites Total</b>		<b>14</b>

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

<b>Professional Nursing</b>		<b>Credit Hours</b>
NUR 400	Patterns of Health and Illness III	4
NUR 401	Professional Transition	2
NUR 403	Patterns of Community Health	4
NUR 405	Patterns of Leadership	6
NUR 406	Patterns of Health and Illness IV	6
NUR 430	Patterns of Childbearing	4
NUR 498	Research/Senior Paper I*	2
NUR 499	Research/Senior Paper II*	2
<b>Professional Nursing Total</b>		<b>30</b>

\*May be replaced with the honors equivalents.

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

<b>Business Concentration (BUSC)</b>		<b>Credit Hours</b>
MGT 130	Principles of Management	3
<i>Choice of one of the following courses:</i>		
MGT 352	Organizational Behavior	3
MGT 353	Human Resource Management	3
<i>Choice of one of the following courses:</i>		
ACT 215	Principles of Financial Accounting	3
FIN 244	Personal Financial Planning	3
<b>Business Concentration Total</b>		<b>9</b>

**Missions Concentration (MISN)**

MISS 325	Introduction to Christian Missions	3
<i>Choice of two of the following courses:</i>		
MISS 309	Missions and Culture (3 hrs.)	5-6
NUR 478	Nursing Missions* (2-3 hrs.)	5-6
THE 401	Christian Ethics (3 hrs.)	8-9
THE 415	Christian Apologetics (3 hrs.)	8-9
<b>Missions Concentration Total</b>		<b>8-9</b>

\*Credit for only the course is 2 hours; credit for the course and the missions trip is 3 hours.

**Behavioral Science Concentration (BEH)**

SOC 101	Introduction to Sociology	3
<i>Choice of two of the following courses:</i>		
PSY 338	Psychology of Abnormal Behavior	6
SOC 212	Social Psychology	6
SOC 308	Cultural Anthropology	6
SOC 420	Minority Relations	6
<b>Behavioral Science Concentration Total</b>		<b>9</b>

**Degree Total** 129-130

## Course Offerings

Course descriptions for the courses listed below are at the end of this catalog. Course descriptions are alphabetical by the prefix.

**Nursing**

NUR 200	Called to Care
NUR 202	Foundations of Nursing
NUR 300	Health Assessment
NUR 301	Pharmacotherapeutics
NUR 304	Community Mental Health Nursing
NUR 305	Patterns of Health and Illness I
NUR 307	Patterns of Health and Illness II
NUR 400	Patterns of Health and Illness III
NUR 401	Professional Transition
NUR 403	Patterns of Community Health
NUR 405	Patterns of Leadership
NUR 406	Patterns of Health and Illness IV
NUR 430	Patterns of Childbearing
NUR 477	NCLEX-RN Review
NUR 478	Nursing Missions
NUR 479	Special Topics
NUR 498	Research/Senior Paper I
NUR 499	Research/Senior Paper II
<b>Nutrition</b>	
NUT 201	Nutrition

# SCHOOL OF THEOLOGY AND MISSIONS

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

## Faculty

**James Barber**.....Assistant Professor of Theology  
 B.S., Virginia Polytechnic Institute and State University, 1974;  
 M.Div. Oral Roberts University, 1991; D.Min. Oral Roberts  
 University, 1997.

**James Breckenridge**.....Associate Professor  
 of Theology  
 B.A., Lee College, 1964; M.Div., Covenant Theological  
 Seminary, 1968; Th.M., Trinity Divinity School, 1973; Th.D.,  
 Concordia Theological Seminary, 1991.

**Lillian Breckenridge**.....Associate Professor  
 of Christian Education

B.A., Minot State College, 1964; M.R.E., Southwestern  
 Theological Seminary, 1968; M.A.L.S., University of Valparaiso,  
 1976; Ph.D., Southwestern Baptist Theological Seminary, 1989.

**William Buker**.....Assistant Professor of  
 Christian Counseling  
 B.A., Oral Roberts University, 1982; M.Div., 1986; M.A., 1993;  
 D.Min., 1998.

**Edward E. Decker, Jr.**.....Professor  
 of Christian Counseling  
 B.A., Evangel College, 1967; M.A., George Williams College,  
 1974; Ph.D., Kent State University, 1987.

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

**Yeol Soo Eim**.....Professor of Missions  
 and Director of D.Min. Korean Program  
 B.A., Hannam University, 1972; M.A., Fuller Theological  
 Seminary, 1983; D. Miss., Fuller Theological Seminary, 1986.

**Howard Ervin**.....Professor of Old Testament  
 A.B., Th.B., Eastern Baptist Theological Seminary, 1946; M.A.,  
 The Asia Institute, 1948; B.D., New Brunswick Theological  
 Seminary, 1956; Th.D., Princeton Theological Seminary, 1962.

**Trevor Grizzle**.....Professor of New Testament  
 B.A., Lee College, 1975; M.Div., Southwestern Baptist  
 Theological Seminary, 1978; Ph.D., 1984.

**Larry Hart**.....Professor of Theology  
 B.A., Oral Roberts University, 1970; M.Div., Southern Baptist  
 Theological Seminary, 1973; Ph.D., 1978.

**Frank Hultgren**.....Lecturer in Practical Theology  
 B.A., A.O.G. Commonwealth Bible College, 1952; D.D., Oral  
 Roberts University, 1999.

**Cheryl L. Iverson**.....Assistant Professor  
 of Old Testament Studies and Associate Dean  
 B.A., L.I.F.E. Bible College, 1968; M.A., Oral Roberts  
 University, 1985; M. Phil., Drew University, 1989; Ph.D., Drew  
 University, 1995.

**M. Robert Mansfield**.....Professor of New Testament  
 B.A., Rhodes College, 1960; B.D./M.Div., Duke Divinity School,  
 1963; M.A., Vanderbilt University, 1968; Ph.D., 1970.

**Thomson K. Mathew**.....Professor of Pastoral Care  
 and Dean  
 B.S., Kerala University, 1971; M.Div., Yale Divinity School,  
 1975; S.T.M., 1977; D.Min., Oral Roberts University, 1986;  
 Ed.D., Oklahoma State University, 1992.

**Kenneth Mayton**.....Assistant Professor  
 of Practical Theology and Assistant Dean  
 B.A., Central Bible College, 1964; M.A., Harding University  
 Graduate School of Religion, 1972; Ed.D., Oklahoma State  
 University, 1989.

**Ron Meyers**.....Associate Professor of Missions  
 B.Th., Mount Vernon Bible College, 1972; M.A., Fuller  
 Theological Seminary, 1983; M.Div., Asian Center for

Theological Studies and Missions, 1986; Ph.D., Fuller  
 Theological Seminary, 1989.

**James Norwood**.....Associate Professor  
 of Counseling

B.S., Alcorn State University, 1966; M.Div., The Southern  
 Baptist Theological Seminary, 1974; M.A., Fisk University,  
 1982; Ed.D., Peabody College of Vanderbilt University, 1991.

**Mark E. Roberts**.....Assistant Professor of  
 Learning Resources and Director of Holy Spirit  
 Research Center

B.A., Mississippi College, 1982; M.A., Ohio State University,  
 1984; M.A., Vanderbilt University, 1995; Ph.D., 2002.

**Charles Snow**.....Professor of Preaching and  
 Leadership

B.S., Southwestern A.G. University, 1958; M.A., Southern  
 Methodist University, 1971; Ed.D., Nova Southeastern  
 University, 1984.

**Daniel Thimell**.....Associate Professor  
 of Theological-Historical Studies

B.A., Westmont College, 1974; M.Div., Fuller Seminary, 1978;  
 Ph.D., University of Aberdeen, 1993.

**James Tollett**.....Associate Professor  
 of Practical Theology

B.A., John Brown University, 1976; M.Div., Oral Roberts  
 University, 1980; D.Min., 1986.

**Angharad Young**.....Associate Professor  
 of Christian Counseling

B.A., University of North Texas, 1965; M.T.A., Northeastern  
 State University, 1968; Ed.D., University of Tulsa, 1982.

**Brad H. Young**.....Professor of Biblical Literature  
 B.A., Oral Roberts University, 1978; M.A., Hebrew University,  
 1981; Ph.D., 1986.

## Emeritus Faculty

Dr. Oon-Chor Khoo, 1977-1996

## Statement of Purpose

The ORU School of Theology and Missions, an extension of the Oral Roberts and Richard Roberts ministries, seeks to prepare students for competent and Spirit-led Christian ministry. The seminary is called to develop men and women who know the Bible, who have a deep compassion for people, and who, through the empowerment of the Holy Spirit, can revitalize the church, evangelize the world, and heal the nations.

Professional theological education at this seminary integrates Biblical and theological training with practical skills. This integration takes place in a charismatic/Pentecostal ethos where the gifts of the Spirit are manifested and spiritual formation is nurtured.

The seminary seeks to develop leaders who can communicate the message of the Gospel to those in need of a Savior, and God's healing power to the world's suffering. The goal of the school for its graduates is to carry this vital message of redemption, holiness, and healing to those places "where God's light is seen dim, where His voice is heard small, where His power is not known."

## Mission Statement

Oral Roberts University School of Theology and Missions provides graduate 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.

## Philosophy

As a multi-denominational seminary, the ORU School of Theology and Missions seeks to prepare students for Christian ministry within a broad spectrum of traditions, churches, and cultures. Although intentionally evangelical, it is important to embrace a diversity of theological understandings. This enables students to continue with personal uniquenesses to effectively relate to each student's sphere of influence. The School of Theology and Missions' philosophy seeks to introduce students to the ongoing ecumenical dialogue concerning the nature of the Church and to broaden students' awareness of the larger Body of Christ.

The words "catholic," "evangelical," "reformed," "charismatic," and "balanced" perhaps capture the intent of the school's overall philosophy. "Catholic" means the Christian vision encompasses a Church universal in scope with roots that can be traced back consistently to Jesus and His disciples. "Evangelical" means that the Scriptures (the Old and New Testaments) are the final authority with regard to doctrine and moral teaching, in the uniqueness of faith in Jesus Christ as Savior and Lord, and in the faithful proclamation of His Gospel message. "Reformed" means an openness to change while testing the direction of that change in light of Scripture, tradition, reason, and experience. "Charismatic" means that Christians are a gathered people, called into being and unity by the power of the Holy Spirit and creating an ethos in which the gifts of the Spirit may be manifested, and thereby forming a particular and unique context for theological education. "Balanced" declares a belief that professional theological education must integrate Biblical and theological training with the practical skills that are essential for effective ministry. There must be a balance of solid theology with spiritual passion, Biblical exposition with prophetic insight, patience in tribulation with expectation of miracles, pastoral sensitivity with evangelistic fervor, commitment to character with a quest for the charismata, and community growth with personal maturity. In embodying this overall philosophy, the school is represented both within the student body and faculty by a broad spectrum of Christian traditions.

The goal of the School of Theology and Missions, therefore, is to prepare men and women who know the Bible, who have a deep compassion for people, and who, through personal charismatic experiences, can interpret to the Church and society Biblical truth in light of the present-day movement of the Holy Spirit. In other words, it is not only important to teach and to inform but also to place knowledge as a tool for ministry at the disposal of the Holy Spirit for relevant application.

Importantly, the School of Theology and Missions serves as an extension of the Oral and Richard Roberts' ministries by training Christian leaders to carry God's healing power and seed-faith lifestyle to the world's suffering and lost, whether in America's darkened ghettos and affluent suburbs or in developing countries. The goal of the school for each graduate is to carry this vital message of renewal that the Oral Roberts' ministry proclaims to places "where God's light

is seen dim, where His voice is heard small, where His power is not known.”

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

The School of Theology and Missions at Oral Roberts University is firmly grounded in a concept of abundant life and a charismatic concern for the healing of the totality of human need.

The comprehensive, integrated curriculum is designed to balance Bible knowledge and practical, professional ministry skills that will lead to more effective evangelism and healing for body, mind, and spirit. Students are challenged to seek wholeness in their personal lives so they can help those whom they contact to develop wholeness as a way of life.

*The following is a statement by Chancellor Oral Roberts on “Why a School of Theology and Missions at Oral Roberts University?” which explains his vision for those who graduate from the master of arts, the master of divinity, and the doctor of ministry programs.*

Two things are essential to a vibrant, fruitful ministry of the Gospel. One, Christian leaders must know the Bible; they must really know the life of Jesus and what the Bible says. And second, Christian leaders must have a deep compassion for people.

As I travel this great country of ours and receive mail from around the world, I feel these voids in Christian leadership. I see a deep hunger in people to know God better. People are searching for someone to explain to them how to live abundantly. They are also aching for love. They long for someone to touch them, to care, to share their deep concerns, and to help them find answers to their needs. These are the very reasons we have a Graduate School of Theology and Missions at ORU to train students to know the Bible and to care for people.

ORU has a baccalaureate theology program, two masters programs, and a doctoral program. The master of arts program offers specializations in several different areas of ministry. The academic specializations immerse students in the Word and its teachings and enable students to train others. The professional specializations equip students for ministry in Christian counseling, Christian education, practical theology or missions.

The master of divinity program is the basic professional program for ministry and is especially designed for persons who plan to become pastors, evangelists, youth workers, chaplains, missionaries, or enter other areas of Christian leadership. These graduate students receive a solid grounding in the Bible. They also receive practical and professional training in how to be effective church leaders, how to administer church programs, how to preach, how to counsel, and how to lead evangelism programs. Throughout their three years of study, master of divinity students are involved in special projects that place them in the church and community. They become involved with people in need from various backgrounds: the elderly, juvenile delinquents, the poor, the disabled, the imprisoned, and the ghetto children. They give their time and talents; they go into areas where people hurt and touch them with their love.

The doctor of ministry program enables persons already in full-time ministry to deepen their knowledge of the Word and update their skills while learning from both professors and peers. These ministerial leaders are involved daily in sharing the Word and meeting the needs of others.

As the students of these graduate programs open their lives to God and give to other people, I believe a miracle will take place. I believe the Holy Spirit will become as real to them as the air they breathe. They will

find themselves instruments in God’s hands. A strong, invisible triangle will be formed between God, the ORU student, and the person in need—a relationship that can last for all eternity.

Let me tell you what I expect from our graduate theology students. I expect our students to be open to the working of the Holy Spirit in their lives and in the lives of others. Through the Holy Spirit, they will find new strength and authority to minister.

I expect excellence from our students. We have a motto at ORU that says “excellence is a way of life.” We believe in giving God our best and then expecting His best for our lives. Our students have the finest professors and facilities, and we expect our students to devote their finest efforts to their studies.

I expect their witness to extend to all aspects of life. When Jesus healed people, He often used these words: “Be made whole.” To Christ, wholeness was more than spiritual cleansing. Wholeness meant harmony of spirit, mind, and body. It meant a unity in the inner man and vibrant living in all areas of life.

At ORU we attempt to integrate the entire person. We call it the whole-man concept. This concept formed the basis for the founding of ORU, and our purpose is to train men and women whose lives reflect this. Our theology students work at physical fitness and mental growth in the same way they work to develop their spiritual potential. I expect our students to go into every facet of life and to share Christ wherever His light is dim, wherever His voice is heard small. I expect them to go to all the nations and to minister to people of all races.

Full-time graduate and professional students attend chapel together, study together in the same library, and share some classes. This common exposure helps them become better acquainted with a variety of professional perspectives and gives them a new appreciation for the problems people face in our world. I expect our theology students to provide leadership and love to all who may be weak and unloved.

The ORU School of Theology and Missions opened in 1975, enriched by ORU’s fine baccalaureate theological program, which is one of the largest and strongest departments on campus. The seminary is housed in the Marajen Chinigo Graduate Center, which is a 448,000-square-foot addition to the John D. Messick Learning Resources Center. I believe it is the finest building of its kind.

We live in a state of expectancy at ORU. We believe in miracles. We work diligently. We are proud to be a free enterprise people. We have faith in God and a spirit of unity. ORU is a family—a family of students, faculty, staff members, and partners around the world. We are unashamedly Christian. We believe in the mighty power of the Holy Spirit. We live to minister.

Why a Graduate School of Theology and Missions? Because God wants people to be whole, and we want what God wants—healing for the totality of human need.

## **General Academic Information**

### **Course Load**

The normal course load for a student in the seminary is 12.5 to 15.5 semester hours, except for students in the master of divinity program who normally carry an academic load of 15.5 semester hours.

All students must enroll in at least 12 semester hours each semester to be considered full-time. No student may enroll in more than 18.5 semester hours in a given semester without the approval of the faculty advisor and the associate dean.

## **Special Arrangement**

With the permission of the faculty advisor, the associate dean, and the instructor of a particular course listed in the catalog, students in special circumstances may complete that course by special arrangement. The objectives of the course, as defined in the current syllabus on file in the office of the dean, must be met. Special assignments, tests, and conferences may be required to satisfy the instructor and coordinator of the area concerned that the objectives have been achieved. A course of study that involves extensive work while the student is absent from the campus may be pursued only upon the approval of a petition presented to the associate dean.

## **Application for Readmission**

Students who have not maintained continuous enrollment and who desire to continue their studies must apply for readmission through the Seminary Admissions Office. Students readmitted to the Seminary are subject to the requirements of the current catalog at the time of readmission. The Admissions Committee may request additional information. If students have attended other institutions, they must supply official transcripts.

## **Audit Privilege**

Students in the School of Theology and Missions may—with the approval of the instructors, their faculty advisors, and the associate dean—audit, without academic credit, courses offered by the seminary. The audit privilege allows students to attend courses for personal enrichment without fulfilling the academic requirements. Required courses in any degree program may not be audited. Regular class attendance, as outlined in the course syllabus, is required to maintain an audit on transcript. If students do not meet the audit requirements for a course, a “no pass” is recorded on the transcripts.

Students auditing a class may request the option of receiving a grade if they indicate this intention at the time of registration. Students must complete all course requirements according to the calendar of the course syllabus and submit a petition to the office of the associate dean to obtain credit for the course. The petition must be submitted and approved and tuition paid within one semester following enrollment in the course. Tuition must be paid at the time of the audit change request.

Students enrolled in a full-time course load are charged a fee for auditing an additional course. A full-time seminary student may audit one course in the Seminary curriculum per semester at no charge. Students enrolled as part-time pay one-half tuition to audit a class.

## Credit by Examination/ Transfer of Credit/ Advanced Standing

Students entering the seminary with advanced knowledge in a particular area of the curriculum may obtain credit for courses to which the advanced knowledge relates by passing a comprehensive examination with a score of 80% or above. Such examinations must be taken during the first semester of residency. There is a \$10 fee for the administration of each comprehensive examination.

The School of Theology and Missions follows the Association of Theological Schools (ATS) guidelines regarding credit transfer and advanced standing.

## Grading System

Grades are recorded as "A," "B," "C," "D," or "F." Grade points are assigned to each grade: four grade points are allowed for each semester hour of "A"; three for "B"; two for "C"; and one for "D." In the School of Theology and Missions, only graduate hours for which grades of "A," "B," or "C" are earned will count toward the completion of the degree. Grade-point averages appropriate to each program are to be maintained. Courses in which a grade of "D" or "F" is earned are reported on the transcript and are included in determining the grade-point average.

The grade of "I" (incomplete) is allowed for work that is incomplete at the time grades are given. It is allowed only after the student establishes with the instructor and the associate dean, by petition, that work is incomplete for good cause. Incompletes are granted only for extenuating circumstances, normally prolonged illness that is verified by medical documentation or death in the family. Petitions for an incomplete grade must be granted before the last day of regular classes. It is the responsibility of the student to make up any incomplete work and have the professor submit a grade change to the dean. If this is not done in the subsequent semester, the incomplete is changed to an "F."

Other marks used in grade reporting are "WP" (withdraw/passing) and "WF" (withdraw/failing). When a course is dropped after two weeks, a "WP" is recorded if the student is passing at the time of the drop. If the student is not passing, a "WF" is recorded. Any student who withdraws from a class after the eighth week receives a "WF." The "WF" is counted as an "F" in determining the grade-point average.

## Academic Probation and Suspension

Students enrolled in the School of Theology and Missions are expected to maintain an appropriate grade-point average for the program in which they are enrolled. Students in the master of divinity and the professional master of arts programs are to maintain 2.5 grade-point averages. Students in the academic master of arts program are to maintain 3.0 GPAs. Students failing to achieve the minimum grade-point average in their programs during any semester are automatically placed on probation. In the doctoral program no course grade less than a "B" is accepted. Two "C" course grades result in suspension from the doctoral program.

Students entering the seminary on probation must achieve removal from probation status within one academic year of matriculation. If a student is placed

on probation in the course of the degree, one academic year is allowed to restore the GPA to the appropriate level. Normally, 12 semester hours of coursework earned in one semester with the appropriate grade-point average is sufficient to remove one from probation. Students do not receive financial aid in the form of institutional funds during any semester on probation.

Students who fail to achieve a sufficient grade-point average while they are on probation within the specified time are suspended from the School of Theology and Missions.

## Joint Degree Program

Students may enroll in two masters degrees simultaneously. With proper planning and advisement, they may fulfill the requirements for both degrees with significantly less time than it would take otherwise. A joint degree program allows students to gain an area of expertise for future ministry. The section titled Dual Degrees in the Academic Information section of this catalog has more information.

## Change of Degree Program or Concentration

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.

## Financial Aid

Students are considered for financial aid once they have been accepted into the School of Theology and Missions. Students must submit a Free Application for Federal Student Aid (FAFSA) form and have a financial need as determined by Federal Student Aid Programs. Institutional funds are awarded only to full-time students in good academic standing. Detailed information appears in the Financial Information Section of the first chapter of this catalog.

## Teaching Assistantships

Teaching assistantships are available to students primarily in the academic master of arts degree programs. Responsibilities are usually in the theological baccalaureate program of ORU. Assistantships may include working under the supervision of a faculty advisor to enrich existing course content, developing new teaching resources, leading undergraduate Bible and theology discussion groups, participating in limited classroom teaching and lectures, or preparing special projects and assignments. These positions require an average of 15 hours per week.

## Scholarships and Grants

Academic scholarships are awarded on the basis of academic achievement. The award may not exceed the student's need as determined by the Free

Application for Federal Student Aid.

Grants-in-aid awards are made by the seminary to deserving students with special qualifications and needs.

Work scholarships are awarded by the seminary to some who have certain abilities and who are willing to complete work assignments.

### Theology Scholarships

Scholarships are available to graduate students in the School of Theology and Missions based on entering GPAs or the cumulative GPA after two semesters (24 credit hours) of graduate theology course work. The minimum GPA requirement is 3.5. Amounts range from \$700 to \$1,700 per year. Students can contact the Adult Learning Service Center (ALSC) for more information.

### Restricted Scholarships

A limited number of endowed scholarships are available for students meeting specific academic, denominational, and/or other requirements established by the donors. Students can contact the Adult Learning Service Center (ALSC) for more information.

### ORU Need Grants

ORU Need Grants are available only to graduate theology students, and applications are included as part of the acceptance packet sent by the School of Theology and Missions. A completed FAFSA is required. Awards are based on need and availability of funds.

## Spiritual Formation

In the distinctive charismatic ethos of the ORU School of Theology and Missions, spiritual formation is of primary importance. Spiritual formation occurs both intentionally and unintentionally. The Director of Field Education and Assessment oversees the development of structure to facilitate spiritual formation.

A primary force for spiritual formation is the strong advisement program that assigns a minimal number of students to individual faculty members for their educational journeys. Students meet individually with their advisors throughout the academic year. Faculty members are available for advisement and prayer. Special meetings are conducted during the semester to address the particular needs of seminarians.

University chapels, which are conducted twice weekly, particularly provide the charismatic emphasis and spiritual dynamic that is at the heart of Oral Roberts University. Other opportunities for spiritual formation are included in the field education program, missions trips, weekly communion services, and student-led ministry opportunities.

## ORU Distinctive Courses

The School of Theology and Missions has established specific courses in health fitness and Holy Spirit/Signs and Wonders that seek to fulfill the University's mission. These courses are unique to ORU and are called ORU distinctive courses. These are required as part of the seminary programs.

## Health Fitness Requirements

The School of Theology and Missions' faculty and students participate in a full range of fitness opportunities. The core of the health and physical education pro-

gram is the aerobics emphasis. New students at the Seminary enroll in a one-semester, one-credit course titled Graduate Health Fitness. For scheduling reasons, however, students may select to enroll in a two-semester sequence of Health Fitness I, followed by Health Fitness II. In these courses students are instructed on the body, its anatomy and physiology, and the role of exercise, diet, weight control, and stress management in good health. Students must submit the results of a medical evaluation. An exercise program is prescribed. Requirements are adjusted according to sex and age, and special programs are available for students who cannot meet the requirements.

In the semesters following the completion of Graduate Health Fitness, students may elect GHPE 515 Graduate Aerobics, GHPE 525 Graduate Walk for Fitness, or other activity courses. Students in the master of arts program need to take a total of three health fitness/activities courses, and students in the master of divinity program need to take a total of four courses. Graduate students are required to earn a grade of "C" or better in all HPER courses.

## Holy Spirit/Signs and Wonders Requirements

All students enrolled in any masters-level degree program are required to take the graduate courses GTHE 507 The Holy Spirit in the Now and GTHE 508 and 509 Signs and Wonders and the Healing Ministry I and II. The Holy Spirit in the Now course deals with part of the basic theological beliefs and lifestyle unique to Oral Roberts University. All students in the seminary need to enroll in the course during their first semesters of residency.

The faculty of the ORU School of Theology and Missions firmly believes that the power and authority entrusted to the Early Church, as described in the Book of Acts, is still available to believers today. The miraculous power of Christ is to operate "in the Now." For this reason, masters degree students are required to take GTHE 508 and 509 Signs and Wonders and the Healing Ministry I and II. This course includes practical, contemporary demonstrations of Biblical concepts from the life of Jesus and the Book of Acts.

The theological faculty encourages all students to enroll in at least one additional course that deals with this vital area of ministry. Among these courses are GBIB 772 Charismata in New Testament, GBIB 684 Charismata in Early Christianity, GTHE 663 Charismatic Theology, GTHE 694 The Pentecostal/Charismatic Movements in Historical Perspective, GTHE 696 Divine Healing: A Theological and Historical Study, and GTHE 692 Pneumatology.

## Theological Research Proficiency

All students entering any masters-level degree program are expected to have a comprehensive knowledge of English grammar and composition, the ability to do theological research, and a basic theological bibliography. Students passing the Theological Research Proficiency examination during first-semester orientation with a minimum score of 70 percent fulfill the requirement. Others are required to enroll immediately in GTHE 517 Seminar in Theological Research Methods. Passing this course constitutes satisfying this proficiency requirement. The proficiency requirement must be satisfied before students are allowed to enroll

for graduate credit beyond 24 semester hours (not including prerequisite course work). Taking PRM 784 Counseling Research meets this requirement for students in the M.A. counseling programs.

## Background Check

Some clinical agencies and Christian ministries require students who participate in field experiences to undergo a criminal background check. Therefore, criminal background checks are conducted on all students the semester prior to enrollment in FED 658 Field Education, FED 750 Ministry Practicum, PRM 750 Christian Education Practicum, PRM 763 Counseling Practicum, PRM 764 Marriage and Family Practicum, PRM 775 Missionary Internship. The results of this search are filed with the University's office of Risk Management, and confidentiality is maintained. An unsatisfactory criminal record will prevent the student from enrolling in these classes and may affect the student's completion of degree requirements. Background check forms, instructions regarding this procedure, and the cost for this process are available with the professors who oversee the field-based courses. It is the responsibility of each student to comply with these requirements and to pay the required fee. It is the student's responsibility to inform the dean or associate dean of any new or pending criminal issues that may be involved. Failure to do so may result in disciplinary action or dismissal from the University.

## Degree Programs

The School of Theology and Missions offers the following degree programs:

### Master of Divinity (M.Div.)

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

### Master of Arts (M.A.)

The master of arts degree offers both academic and professional programs.

- Biblical Literature and Languages (Academic)
  - Biblical Literature concentration
  - Biblical Languages concentration
- Theological and Historical Studies (Academic)
- Christian Counseling (Professional)
  - Licensed Professional Counselor concentration
  - Licensed Marital and Family Therapy concentration
- Christian Education (Professional)
- Missions (Professional)
- Practical Theology (Professional)

These programs prepare students for specialized ministries within the local church, educational institutions, and parachurch or community organizations. The master of arts degree is well suited as foundational study for Ph.D./Ed.D. degree programs.

### Doctor of Ministry (D.Min.)

The doctor of ministry degree provides advanced professional training for practical ministry. The program is designed for professionals with an earned master of divinity degree in full-time ministry. It develops ministerial skills and enables ministers to grow in understanding and interpretation of the Church's ministry.

## Master of Divinity

The master of divinity degree is the basic professional degree for the ministry. The master of divinity degree (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. The purpose of the program is to prepare Spirit-filled, Biblically based, historically informed, socially and ethically accountable, theologically responsible, and skillfully enabled ministers of Jesus Christ for mission with the Church in the world. The basic objectives of the master of divinity program are as follows:

- To prepare candidates for ministry within their particular traditions, churches, or cultures in an interdenominational setting to broaden awareness of the Body of Christ.
- To prepare candidates with a comprehension of the content of Scripture and the tools and methods to interpret Biblical revelation responsibly and perceptively and thus provide a foundation for a theological understanding and practice of ministry.
- To balance Biblical and theological training with the practical ministry skills of preaching, teaching, counseling, worship, leadership, administration, etc., which are essential for effective ministry.
- To enable students to develop a theology and theory of ministry that is relevant to the context of their callings and backgrounds.
- To equip candidates with the Biblical, theological, and ethical understanding necessary to analyze and discuss contemporary, theological, and social issues affecting the Church and society.
- To allow students the freedom to experience the work of the Holy Spirit in their personal lives, to discover and develop their own unique spiritual gifts, and to integrate the gifts and power of the Spirit into their theological studies and ministries.
- To encourage a lifestyle of wholeness that emphasizes spiritual formation, academic excellence, and physical fitness.

## Admission Requirements

Applicants to the master of divinity degree program should hold a baccalaureate degree from a regionally accredited college or university or college recognized by the Accrediting Association of Bible Colleges. Evaluation for admission requires a minimum grade-point average of 2.50 and scores on the Miller Analogies Test or the Graduate Record Examination (taken within the past 5 years). Two academic recommendations, a ministerial recommendation, official transcripts of all undergraduate and graduate studies to date, and a personal sketch are also considered in the evaluation of a prospective student by the Admissions Committee. Professional recommendations are appropriate if the student has been out of school more than 5 years.

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. The Admissions Committee may also decide that prerequisite/leveling courses may be required of some applicants. (Prerequisite/leveling courses are courses at the undergraduate level that help prepare students for courses in the graduate degrees.)

## Course Sequence

The courses offered in all areas of the seminary curriculum are appropriate for the master of divinity degree. The 500-level denotes courses specially designed to be foundational and synthesizing in nature for the master of divinity program. The 500-level courses are frequently considered necessary before students can enroll in advanced-level courses represented by the 600 and 700 numbers. All 700-level courses are appropriate for the master of divinity senior.

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.

## MASTER OF DIVINITY DEGREE (M.DIV.)

### Master of Divinity

The master of divinity degree is a six-semester, 87.5 hour program structured around field education and the three curricula areas of the Seminary (Biblical Literature, Theological/Historical Studies, and Practices of Ministry). Students are required to be enrolled in field education for three semesters. Twelve semester hours of open electives are provided to all students to bridge deficient areas or enhance areas of interest.

<b>Prerequisite/Leveling Courses*</b>	<b>Credit Hours</b>
<i>Choice of one of the following:</i>	0-3
GTHE 517 Seminar in Theological Research (3 hrs.)	
PRF Theological Research Proficiency Exam (0 hrs.)	
<b>Prerequisite Total</b>	<b>0-3</b>

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

### Biblical Literature

GBIB 551 Old Testament Synthesis	3
GBIB 571 New Testament Synthesis	3
GBIB Greek/Hebrew Synthesis I	3
GBIB Greek/Hebrew Synthesis II	3
PRF Biblical Language Proficiency	0
GBIB Language/Translation elective	3
GBIB Elective	3
<i>Choice of one of the following two courses:</i>	3
GBIB 561 Old Testament Hermeneutics and Exegesis (Hebrew)	
GBIB 581 New Testament Hermeneutics and Exegesis (Greek)	
<b>Biblical Literature Total</b>	<b>21</b>

### Theological/Historical Studies

GTHE 551 Systematic Theology I	3
GTHE 561 Systematic Theology II	3
GTHE 571 Church History I	3
GTHE 581 Church History II	3
GTHE 661 Introduction to Christian Ethics	3
GTHE Electives	6
<b>Theological/Historical Studies Total</b>	<b>21</b>

### Practices of Ministry

PRM 511 Introduction to Christian Missions	3
<i>Choose one of the following two courses:</i>	3
PRM 549 Foundations of Christian Education	
PRM 551 Christian Education	
PRM 661 Preaching and the Healing Ministry	3
PRM 669 Practice Preaching	2
PRM 673 Introduction to Pastoral Care	3
PRM Electives	9

**Practices of Ministry Total** 23

### ORU Distinctive Courses

FED 658 Field Education (General)	1
FED 672 Field Education (Church)	1
FED 673 Field Education (Community)	1
GTHE 507 Holy Spirit in the Now	2
GTHE 508 Signs and Wonders and the Healing Ministry I	1.5
GTHE 509 Signs and Wonders and the Healing Ministry II	1.5
GHPE 503 Graduate Health Fitness*	1
<i>Choice of three of the following:</i>	1.5
GHPE 515 Graduate Aerobics (.5)	
GHPE 525 Graduate Walk for Fitness (.5)	
HPER Activity course (.5)	
HPER Activity course (.5)	
HPER Activity course (.5)	

**ORU Distinctives Total** 10.5  
**Electives** 12

**Degree Total** 87.5

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

## Field Education

Field education enables students to integrate and employ Biblical-theological principles, practices of ministry, and charismatic empowerment in diverse contexts of supervised ministry in the church, community, and consultation/reflection groups to achieve competency in functioning as effective ministers of the Gospel.

For at least two semesters, master of divinity students have opportunities for in-depth interpersonal, social, and spiritual ministry at sites such as hospitals, nursing homes, service organizations, and local churches. Under qualified supervisors, students are guided in experiences that give accountable practical training for developing full potential as professionals in ministry.

Professors, site supervisors, and students meet weekly in consultation/reflection groups to discuss students' successes and problems. Students receive guidance in dealing creatively with problems they have encountered and in integrating their academic studies with practical experiences. The ministry/reflection emphasis encourages students to take the initiative in establishing and evaluating their personal abilities as minister-theologians. A liability insurance fee is assessed for all field-based courses.

## Ordination Courses

Many denominations and fellowships are represented in the ORU School of Theology and Missions. Ordination courses are available for represented groups. Courses on polity, history, and doctrine are offered through resident faculty and visiting professors. Several of these courses are a part of the regular rotation of courses; others are offered upon request.

## Assessment

The process of professional assessment is an integral part of the total educational program of the ORU School of Theology and Missions. Assessment draws together the varied influences, experiences, and learning of the students in situations that are intentionally evaluative and advisory. The primary aim of assessment is to provide an opportunity for the students—with the assistance of faculty advisors, field supervisors, pastors, and peers—to evaluate and measure their emerging developments as people preparing for ministry. The three basic areas of this development are academic accomplishment, professional competence, and personal/spiritual development. Within these areas an understanding of student strengths and deficiencies in preparation for ministry is the goal of the assessment process. Identification of areas of need and direction for future growth should be the result of assessment at each stage.

Assessment is undertaken in three stages. The first stage is a part of the matriculation process in the Seminary; the second is in the semester following the completion of 24 graduate hours (usually the third semester of residency); and the third occurs in the semester following the completion of 48 graduate hours or before completion of the fifth full semester.

### First Assessment: The Student Profile

During the first semester of enrollment, master of divinity students are interviewed by their faculty advisor for the purpose of establishing personal and professional profiles of the students. Reports of the interviews are prepared by the faculty advisors. Copies of the evaluations are made available to the students and deposited in the assessment files in the office of the Director of Field Education and Assessment. The interviews include reviews of the students' academic records, interpretations of the California Psychological Inventories (which all students are required to take during orientation of their first semesters as part of the matriculation process), and their personal and spiritual histories.

### Second Assessment: Faculty Advisor Review

The second assessment is made in the semester following the completion of 24 graduate hours. The scheduling initiative is the responsibility of the students.

This review assumes the professor to be both academic advisor and spiritual guide and encourages students to share their spiritual formations in a substantive way. Particular attention in this phase of the assessment process is given to students' articulation of their emerging self-awareness seen in terms of personal histories, an authentic concern for people, personal spiritual growth, and a developing sense of vocation. Upon completion of the assessments, the faculty advisors write evaluations, citing any recommendations. A copy of these evaluations are made available to the student, and a copy is deposited in the assessment files in the office of the Director of Field Education and Assessment.

### Third Assessment: Professional Assessment

In the semester following the completion of 48 graduate hours and/or before completion of the fifth full semester of graduate studies, each student should schedule the third stage of professional assessment with the advisor. This assessment is conducted by the student and a committee consisting of the following:

- The student's faculty advisor.
- Two members of the senior class chosen by the student with the advisor's consent. (One of the students may be an M.A. student.)

- One additional faculty member chosen by the student.
- The pastor of the local church that the student is attending.

In addition, a lay person selected by the student and invited by the student's faculty advisor may be present at the assessment in a consultative capacity. It is recommended that married students invite their spouses.

Students are encouraged to consult with members of their committees prior to the third assessment. Instruction sheets are available to guide the process. Faculty advisors convene the assessment committees.

Failure to conduct the third assessment before registration for the last semester results in a delay in graduation unless written permission from the Director of Field Education and Assessment to defer the third assessment until the final semester is secured. A student in this situation must submit a Request for Late Third Assessment form with the late fee before this request can be considered. Permission must be obtained before the last day to withdraw without recording in the semester before the one in which the assessment is scheduled.

A recommendation concerning the student's readiness for ministry is written following the third assessment. A copy of the evaluation is made available to the student, and a copy is deposited in the student's assessment file in the Office of the Director of Field Education and Assessment. As a result of the assessment, the student may be required to take additional courses in the degree program. The student must receive a "pass" grade on the third assessment to graduate.

## Graduation Requirements

Before candidates for the master of divinity degree graduate, they must pass at least 87.5 semester hours of coursework, complete all prerequisites, satisfy all proficiency requirements, and have a minimum cumulative grade-point average of 2.50. Before the conclusion of the fifth semester of full-time studies, students must have completed the professional evaluation process and received a "pass" grade on the Third Assessment. Participation in graduation ceremonies is required of all candidates.

## M.Div. Modular Program

In today's highly mobile and fast-paced society, it can be difficult to earn a residence degree at the graduate level. This is especially true for potential master of divinity students who are already in full or part-time ministry positions. It is also true for those students who live far from campus. Thus, the fully accredited modular master of divinity program is especially designed for individuals who desire to continue their education but cannot relocate to Tulsa.

Intensive one-week modules (on-campus courses) offered each month enable students to integrate classes into their personal calendars. These modular sessions are held Monday-Friday from 8:30 a.m.-5:00 p.m. daily, usually the second or third week of each month. Students choose which months they will be able to come to campus. Thus, a modular student does not necessarily come to campus each month. The on-campus courses are offered on a two-year rotation. Students who are not able to take a particular course in a particular month will have an opportunity to take that course again within two years.

A total of 18 on-campus courses are required. The remaining courses are done via distance education (internet or directed study courses). Students in the modular program set their own pace but are encour-

aged to enroll in as many courses (both on-campus and distance education) as they can realistically incorporate into their schedules each semester. In order to complete the degree within five years, students need to take three or four on-campus courses and two distance education courses each year. The degree can be completed in three or four years if the student is able to take a heavier course load.

## Master of Arts

The ORU School of Theology and Missions offers two master of arts programs with several concentrations available. The two master of arts programs are the Academic Program and the Professional Program.

## Professional Assessment

During the first semester of enrollment, every master of arts student is interviewed by the faculty advisor for the purpose of establishing a personal and professional profile of the student. A report of the interview is prepared by the faculty advisor. A copy of the evaluation is deposited in the student's assessment file in the Office of the Director of Field Education and Assessment. The interview includes a review of the student's academic record, interpretation of the California Psychological Inventory (which all students are required to take during their first semester orientation as part of the matriculation process), and the student's personal and spiritual history.

During the student's final year of studies, a comprehensive professional assessment is conducted. Guidelines for the assessment are available from the office of the Director of Field Education and Assessment. As a result of this assessment, the student may be required to take additional courses in his or her degree program. The student must receive a "pass" grade on the professional assessment to graduate.

## M.A. Academic Programs

The master of arts degree can be earned in the following academic degree programs:

- Biblical Literature (with a literature or advanced languages concentration)
- 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.

## Admission Requirements

Prospective students applying to the master of arts academic programs (Biblical Literature and Theological/Historical Studies) should have a grade-point average of 3.00 and submit scores on the Miller Analogies Test or the Graduate Record Examination, taken within the last five years. Two academic recommendations, a ministerial recommendation, and a personal sketch are also considered in the evaluation of the applicant by the Admissions Committee.

Applicants should hold a baccalaureate degree from a regionally accredited college or university or college recognized by the Accrediting Association of Bible Colleges, preferably in Biblical or theological studies. Official transcripts from all undergraduate and graduate studies must also be submitted before the applicant's file is presented to the Admissions Committee for evaluation.

## 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 course work).

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 credit.

When this proficiency is satisfied, students must consult with their faculty advisors to confirm that their degree plan sheets reflect the fulfillment of these entrance requirements.

## Thesis

Students in the academic master of arts program are required to write a thesis, which allows them to do focused research on topics of their own choosing. As a learning instrument, the master of arts thesis provides an index of the student's ability to conduct research in a given area and to organize and present the results of the research in a systematic way. The topic must be approved by the faculty advisor, the area committee, and the associate dean. For details of procedure to be followed in writing the thesis, the student should consult the syllabus for GBIB 750 or GTHE 750.

## BIBLICAL LITERATURE (MBL)

### Master of Arts

The Master of Arts in Biblical Literature is designed to assist students in developing personal hermeneutical and exegetical positions to be used in acquiring a comprehensive understanding of Old and New Testament content. This program enables students to integrate hermeneutical and exegetical insights into a theological/historical framework shaped by interaction with the charismatic ethos of Oral Roberts University.

The Master of Arts in Biblical Literature is structured to give students a broad spectrum of hermeneutical and exegetical perspectives, tools, and methods to interpret Biblical content responsibly and perceptively. Students choose one of two concentrations: literature (MLIT) or advanced languages (MAL). In both concentrations students acquire a working knowledge of Biblical languages (Hebrew and Greek). In order to provide students with a knowledge of the theological and historical context in which the Church operates, this program includes a Biblical, theological, and historical studies core.

Proficiency in Biblical Greek and Hebrew is an integral part of this program. Transcript credit and proficiency in both Greek and Hebrew are required for graduation. For students pursuing the literature concentration, the first Biblical language is a prerequisite, but the second language is part of the concentration and counts toward fulfilling the degree requirements.

For students pursuing the advanced languages concentration, proficiency in both Biblical languages is a prerequisite.

**Biblical Literature Prerequisites/Leveling Courses**

Students intending to pursue the literature concentration are required to satisfy a minimum of 12 semester hours of Biblical literature plus six semester hours (two semesters) of elementary Biblical Greek or Hebrew. Those who have not fulfilled these prerequisite requirements in baccalaureate studies with at least a "C" grade and demonstrated current proficiency (a minimum of 70% on a written examination) may take the following prerequisite/leveling courses to prepare them for the graduate coursework. (Prerequisite/leveling courses are courses at the undergraduate level that help prepare students for courses in the graduate degrees; these courses do not apply toward the masters degree.)

	<b>Credit Hours</b>
GBIB 551 Old Testament Synthesis	3
GBIB 571 New Testament Synthesis	3
GBIB Bible electives (500 level)	6
PRF Biblical language proficiency	0
<i>Choice of one of the following two courses:</i>	3
GBIB 500 Greek Synthesis I	
GBIB 510 Hebrew Synthesis I	
<i>Choice of one of the following two courses:</i>	3
GBIB 501 Greek Synthesis II	
GBIB 511 Hebrew Synthesis II	
<i>Choice of one of the following:</i>	0-3
GTHE 517 Seminar in Theological Research (3 hrs.)	
PRF Theological Research Proficiency Exam (0 hrs.)	
<b>Prerequisites/Leveling Total</b>	<b>18-21</b>

**Biblical Languages Prerequisites/Leveling Courses**

All Biblical languages students must demonstrate proficiency in both Biblical Greek I and II and Hebrew I and II at the time of matriculation. They may do so by transferring credit from another accredited university or by having ORU credit for Hebrew I and II and Greek I and II with grades of "C" or better. Additionally, students may be required to achieve a minimum of 70 percent on a written examination. The prerequisite/leveling courses for this concentration are as follows: (Prerequisite/leveling courses are courses at the undergraduate level that help prepare students for courses in the graduate degrees; these courses do not apply toward the masters degree.)

GBIB 500 Greek Synthesis I	3
GBIB 501 Greek Synthesis II	3
PRF 053 Greek Proficiency	0
GBIB 510 Hebrew Synthesis I	3
GBIB 511 Hebrew Synthesis II	3
PRF 052 Hebrew Proficiency	0
GBIB 551 Old Testament Synthesis	3
GBIB 571 New Testament Synthesis	3
GBIB Electives (500 level)	6
<i>Choice of one of the following:</i>	0-3
GTHE 517 Seminar in Theological Research (3 hrs.)	
PRF Theological Research Proficiency Exam (0 hrs.)	
<b>Prerequisites/Leveling Total</b>	<b>24-27</b>

**ORU Distinctive Courses**

GTHE 507 Holy Spirit in the Now	2
GTHE 508 Signs and Wonders and the Healing Ministry I	1

GTHE 509 Signs and Wonders and the Healing Ministry II	1
GHPE 503 Graduate Health Fitness* <i>Choice of two of the following:</i>	1
GHPE 515 Graduate Aerobics (.5)	
GHPE 525 Graduate Walk for Fitness (.5)	
HPER Activity course (.5)	
HPER Activity course (.5)	

**ORU Distinctives Total** 6

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

**Biblical, Theological, and Historical Core**

GBIB 611 Theology of the Old Testament	3
GBIB 621 Theology of the New Testament	3
GTHE Electives	12
GBIB 756 Thesis Research	1
GBIB 757 Thesis Writing	2
GBIB Concentration	24
<b>Core Total</b>	<b>45</b>

Students choose one of the two following concentrations.

**■Literature Concentration (MLIT)**

GBIB Biblical literature electives	12
GBIB Language translation elective	3
PRF Biblical language proficiency	0
<i>Choice of one of the following hermeneutics :</i>	3
GBIB 561 Old Testament Hermeneutics and Exegesis (Hebrew)	
GBIB 581 New Testament Hermeneutics and Exegesis (Greek)	
<i>Choice of one of the following sequences:</i>	6
<i>(second Biblical language)</i>	
GBIB 500 Greek Synthesis I	
GBIB 501 Greek Synthesis II	
GBIB 510 Hebrew Synthesis I	
GBIB 511 Hebrew Synthesis II	

**Concentration Total** 24

**■Advanced Languages Concentration (MAL)**

<i>Choice of twelve hours from the following:</i>	12
GBIB 581 New Testament Hermeneutics and Exegesis (Greek)	
GBIB 618 Matthew (Greek)	
GBIB 632 Isaiah (Hebrew)	
GBIB 633 Pentateuch (Hebrew)	
GBIB 636 Exodus (Hebrew)	
GBIB 637 Deuteronomy (Hebrew)	
GBIB 682 Synoptic Gospels (Greek)	
GBIB 683 Mark (Greek)	
GBIB 704 Psalms (Hebrew)	
GBIB 715 The Bible and Midrash (Hebrew)	
GBIB 729 Colossians/Ephesians (Greek)	
GBIB 744 Septuagint (Greek and Hebrew)	
GBIB 747 Dead Sea Scrolls (Hebrew)	
GBIB 777 Exegesis of Romans (Greek)	
GBIB 787 Cross/Resurrection in the New Testament (Greek)	

<i>Choice of twelve hours from the following:</i>	12
GBIB 663 Syriac	
GBIB 712 Akkadian	
GBIB 714 Ugaritic	
GBIB 754 Coptic Studies	
GBIB 755 Classical Egyptian	

GBIB 761 Advanced Syriac	
GBIB 764 Biblical Aramaic	
<b>Concentration Total</b>	<b>24</b>
<b>Degree Total</b>	<b>51</b>

**THEOLOGICAL AND HISTORICAL STUDIES (MTH)**

**Master of Arts**

The Master of Arts in Theological and Historical Studies is designed to prepare students for teaching and research in historical and theological studies, the communication of the doctrines of the faith, and the history of Christianity.

This program enables students to understand and communicate the basic historical and theological heritage of the Christian faith and to increase their appreciation of the historical roots of the doctrinal emphases within their particular communities of faith. It provides students with a firsthand acquaintance with the people, creeds, liturgies, and systems of faith and order that comprise the basic elements of their heritage. A cognate is required to provide students with a Biblical foundation and context for their studies.

The students' abilities to understand and evaluate the issues and dynamics in the contemporary communities of faith and in contemporary theology are enhanced, thus strengthening their abilities to defend their faith.

Historical theology provides the conceptual framework for the Master of Arts in Theological and Historical Studies program. Proficiency in either theological German or theological French is required for graduation. Another language, however, may be substituted with the approval of the area committee when such a language is especially relevant and clearly demonstrated for the successful completion of a course of study.

**Prerequisites/Leveling Courses\***

Applicants who have not majored in theological and historical studies in their baccalaureate studies are required to complete a minimum of 15 semester hours of theological and historical prerequisites. Applicants should satisfy these requirements during the first year of enrollment. (Credit hours from prerequisite/leveling courses do not apply toward the graduate degree.)

	<b>Credit Hours</b>
GTHE 551 Systematic Theology I	3
GTHE 561 Systematic Theology II	3
GTHE 571 Church History I	3
GTHE 581 Church History II	3
<i>Choice of one of the following:</i>	0-3
GTHE 517 Seminar in Theological Research (3 hrs.)	
PRF Theological Research Proficiency Exam (0 hrs.)	
<b>Prerequisites/Leveling Total</b>	<b>12-15</b>

Because theological German or French is a required part of the Master of Arts in Theological and Historical Studies, it is suggested that applicants complete two years of modern German or French in their baccalaureate programs.

**ORU Distinctive Courses**

GTHE 507 Holy Spirit in the Now	2
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GTHE 508	Signs and Wonders and the Healing Ministry I	1
GTHE 509	Signs and Wonders and the Healing Ministry II	1
GHPE 503	Graduate Health Fitness* <i>Choice of two of the following:</i>	1
GHPE 515	Graduate Aerobics (.5)	1
GHPE 525	Graduate Walk for Fitness (.5)	1
HPER	Activity course (.5)	
HPER	Activity course (.5)	
<b>ORU Distinctives Total</b>		<b>6</b>

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

<b>Theological/Historical Studies</b>	<b>Credit Hours</b>	
GTHE 624	Christian Apologetics	3
GTHE 681	Historical Theology	3
GTHE	Theological language (French/German)	3
PRF	Biblical language proficiency	0
GTHE 756	Thesis Research	1
GTHE 757	Thesis Writing	2
GTHE	Theological/historical electives	21
<b>Theological/Historical Studies Total</b>		<b>33</b>

<b>Biblical Literature Cognate</b>		
GBIB 507	Biblical Hermeneutics	3
GBIB 551	Old Testament Synthesis	3
GBIB 571	New Testament Synthesis	3
GBIB	Biblical literature elective	3
<b>Cognate Total</b>		<b>12</b>

**Degree Total** 51

### Graduation Requirements

Before candidates for the academic master of arts degrees graduate, they must pass at least 51 semester hours of course work, complete all prerequisites, satisfy all proficiency requirements, and have a minimum cumulative grade-point average of 3.00. They must have completed the professional evaluation. Participation in the graduation ceremonies is required of all candidates.

### M.A. Professional Programs

The master of arts degree can be earned in the following professional degree programs:

- Christian Counseling (with an optional concentration in marriage and family counseling)
- Christian Education
- Missions
- Practical Theology

The professional master of arts degree programs prepare candidates for specialized ministries within the local church, church-related agencies, or other professional settings. These programs provide students with the theories, skills, and practical abilities necessary to perform effectively the ministry to which they are called. They also provide the general Biblical and theological understanding necessary for specialized ministries or foundational studies necessary for pursuing doctoral studies.

### Admission Requirements

Evaluation for acceptance to the master of arts professional degree programs (Christian counseling, Christian education, missions, practical theology) requires a baccalaureate degree from a regionally accredited college or university recognized by the Accrediting Association of Bible Colleges, a grade-point average of 2.50, two academic recommendations, a ministerial recommendation, and a personal sketch. Prospective students must also submit official transcripts from all undergraduate and graduate studies, as well as scores on the Miller Analogies Test or the Graduate Record Examination.

The Admissions Committee may require 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.

### Practicum/Internship

Each professional master of arts degree program requires at least one semester of supervised experience in the chosen area of concentration. The practicum and/or internship offers an opportunity for students to use the principles and skills learned in the classroom. It also provides opportunities to observe professional models of leadership and ministry. Students in practicums, internships, and field education courses are charged a professional liability insurance fee.

### Graduation Requirements

Before candidates for the professional master of arts degree graduate, they must pass at least 57 or 63 semester hours of coursework, depending on their degree. They must complete all prerequisites, satisfy all proficiencies, complete the professional evaluation, and have a minimum cumulative grade-point average of 2.50. Participation in the graduation ceremonies is required of all candidates.

## CHRISTIAN COUNSELING (MCC)

### Master of Arts

The Master of Arts in Christian Counseling is designed to prepare students for a specialized ministry of counseling within the context of the local church, church-related agencies, or other professional settings. The program enables students to integrate the most effective models and theories of counseling with a sound Biblical and theological perspective and a sensitivity to the operation of the Holy Spirit. Helping hurting people is an essential element of the Gospel, and this program equips students to help people realize wholeness in every area of their lives—spirit, mind, and body.

The M.A. in Christian Counseling offers two concentrations, one of which is designed to meet the licensure requirements for Licensed Professional Counselors (LPC) and the other 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 course work is needed. Advisors are available to help students design their degree plans accordingly.

Because students are called to the counseling ministry at all stages of life, this degree does not require prerequisites before matriculation. The courses within the degree, however, are sequential and need to

be completed in a specified order. Advisors guide students in making these selections.

Students are required to pass an objective competency exam before enrolling in practicum and internship courses. This exam (offered in January and August) is designed to prepare students for the state licensure exam. Students can take this competency exam more than once. Students who fail to pass the exam or who elect not to take it may substitute two PRM electives in place of the practicum and internship in order to complete the hours for the degree. However, without passing the exam and the practicum and internship courses, the student is not eligible for licensure.

### Biblical and Theological Foundations

	<b>Credit Hours</b>	
GBIB 505	Introduction to Old Testament Literature	3
GBIB 506	Introduction to New Testament Literature	3
PRM 528	Christian Approaches to Counseling	3
PRM 571	Theology of Counseling	3
GTHE 507	Holy Spirit in the Now	2
GTHE 508	Signs and Wonders and the Healing Ministry I	1
GTHE 509	Signs and Wonders and the Healing Ministry II	1
GTHE 518	Introduction to Theology	3

**Biblical and Theological Total** 19

### Health, Physical Education, and Recreation

GHPE 503	Graduate Health Fitness*	1
<i>Choice of two of the following:</i>		1
GHPE 515	Graduate Aerobics (.5)	
GHPE 525	Graduate Walk for Fitness (.5)	
HPER	Activity course (.5)	
HPER	Activity course (.5)	

**HPER Total** 2

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

### Licensed Professional Counselor Concentration (MPC)

PRM 623	Ethics and Professional Issues in Counseling	3
PRM 625	Counseling Theories	3
PRM 635	Human Growth and Development	3
PRM 670	Abnormal Human Behavior	3
PRM 671	Religion and Personality	3
<i>Choice of one of the following:</i>		3
PRM 630	Counseling Methods	
PRM 760	Cognitive Therapy	
PRM 762	Narrative Therapy	

**Concentration Total** 18

### Licensed Professional Counselor Applications

PRM 624	Counseling Diverse Populations	3
PRM 676	Marriage Counseling	3
PRM 679	Vocational Guidance	3
PRM 681	Group Dynamics/Counseling	3
PRM 724	Testing and Assessment I	3
PRM 763	Counseling Practicum*	3
PRM 781	Counseling Internship*	3
PRM 784	Counseling Research	3

**Applications Total** 24

**Degree Total** 63

\*Students not wishing to be licensed may substitute other PRM courses for this internship and practicum.

### State Certification

Students desiring state certification as licensed counselors may need to complete additional hours of counseling electives. State requirements vary. Additional courses required for licensure in Oklahoma are as follows:

PRM 627	Crisis Counseling	3
PRM 642	Family Therapy	3
PRM 723	Counseling Children and Adolescents	3
PRM 732	Testing and Assessment II	3
PRM 770	Psychopathology	3
<b>Licensure Total</b>		<b>15</b>

### ■ Licensed Marital and Family Therapy Concentration (MFT)

PRM 539	Contemporary Family	3
PRM 623	Ethics and Professional Issues in Counseling	3
PRM 635	Human Growth and Development	3
PRM 639	Family Development	3
PRM 643	Marital/Family Systems Theory	3
PRM 670	Abnormal Human Behavior	3
PRM 671	Religion and Personality	3
<i>Choice of one of the following:</i>		3
PRM 630	Counseling Methods	
PRM 760	Cognitive Therapy	
PRM 762	Narrative Therapy	
<b>Concentration Total</b>		<b>24</b>

### Counseling Applications

PRM 641	Assessment in Marital and Family Therapy	3
PRM 642	Family Therapy	3
PRM 676	Marriage Counseling	3
PRM 764	Marital and Family Therapy Practicum*	3
PRM 782	Marital and Family Therapy Internship*	3
PRM 784	Counseling Research	3
<b>Applications Total</b>		<b>18</b>
<b>Degree Total</b>		<b>63</b>

\*Students not wishing to be licensed may substitute other PRM courses for this internship and practicum.

## CHRISTIAN EDUCATION (MCE)

### Master of Arts

The Master of Arts in Christian Education is designed for students preparing for service in the various professional capacities of a Christian education ministry. The program provides the comprehensive background in Christian education necessary to pursue a career in teaching or doctoral studies. This program is structured to provide well-balanced training in both the theory and practice of Christian education. It seeks to develop the essential skills of communication, teaching, and leadership, which are fundamental to a minister of Christian education. The concept of a total church program is emphasized with a philosophy flexible enough to meet the demands of both professional and

lay workers in the local church. (Credit hours from prerequisite courses do not apply toward the graduate degree.)

### Prerequisite/Leveling Courses

PRM 551	Introduction to Christian Education**	3
<i>Choice of one of the following:</i>		0-3
GTHE 517	Seminar in Theological Research (3 hrs.)	
PRF	Theological Research Proficiency Exam (0 hrs.)	
<b>Prerequisites/Leveling Total</b>		<b>3-6</b>

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

### ORU Distinctive Courses

GTHE 507	Holy Spirit in the Now	2
GTHE 508	Signs and Wonders and the Healing Ministry I	1
GTHE 509	Signs and Wonders and the Healing Ministry II	1
GHPE 503	Graduate Health Fitness*	1
<i>Choice of two of the following:</i>		1
GHPE 515	Graduate Aerobics (.5)	
GHPE 525	Graduate Walk for Fitness (.5)	
HPER	Activity course (.5)	
HPER	Activity course (.5)	
<b>ORU Distinctives Total</b>		<b>6</b>

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

### Christian Education Studies

PRM 549	Foundations of Christian Education	3
PRM 635	Human Growth and Development	3
PRM 658	Curriculum of Christian Education	3
PRM 659	Leadership and Administration in the Church	3
PRM 560	Teaching the Word	3
PRM 750	Christian Education Practicum	3
PRM	Christian education electives	12
<b>Christian Education Total</b>		<b>30</b>

### Biblical/Theological Cognate

GBIB 505	Introduction to Old Testament Literature	3
GBIB 506	Introduction to New Testament Literature	3
GBIB 507	Biblical Hermeneutics	3
GTHE 518	Introduction to Theology	3
GTHE/GBIB Electives		6
PRM	Missions/church growth/evangelism elective	3
<b>Cognate Total</b>		<b>21</b>
<b>Degree Total</b>		<b>57</b>

## MISSIONS (MAM)

### Master of Arts

The Master of Arts in Missions is a specialized program designed to train competent professionals to carry the healing gospel "where God's light is dim, where His voice is heard small, where His power is not known, even to the uttermost bounds of the earth..." The program presents a well-rounded philosophy of

missions with emphases on Biblical principles, the ministry of healing, worldwide evangelism, church planting, and methods of effective cross-cultural communication. It prepares students for effective cross-cultural ministry in foreign missions organizations, home missions organizations, and other related ministries.

Applicants for the Master of Arts in Missions should have completed at least 12 prerequisite semester hours of Biblical/theological studies in their baccalaureate degree programs. Students who have not met this requirement at the time of matriculation must enroll in 12 semester hours of Biblical/theological studies. These courses should be selected in consultation with the faculty advisor. (Credit hours from prerequisite courses do not apply toward the graduate degree.)

### Prerequisite/Leveling Courses

<i>Choice of one of the following:</i>		0-3
GTHE 517	Seminar in Theological Research (3 hrs.)	
PRF	Theological Research Proficiency Exam (0 hrs.)	
GBIB/GTHE Electives		12
<b>Prerequisites Total</b>		<b>12-15</b>

### ORU Distinctive Courses

GHPE 503	Graduate Health Fitness*	1
GTHE 507	Holy Spirit in the Now	2
GTHE 508	Signs and Wonders and the Healing Ministry I	1
GTHE 509	Signs and Wonders and the Healing Ministry II	1
<i>Choice of two of the following:</i>		1
GHPE 515	Graduate Aerobics (.5)	
GHPE 525	Graduate Walk for Fitness (.5)	
HPER	Activity course (.5)	
HPER	Activity course (.5)	
<b>ORU Distinctives Total</b>		<b>6</b>

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

### Missions Studies

PRM 516	Historical and Theological Foundations of Missions	3
PRM 519	Missionary Basics	3
PRM 544	Principles of Church Growth	3
PRM 575	Missionary Anthropology	3
PRM 773	Language Acquisition	3
PRM 775	Missionary Internship	3
PRM	Missions electives	15
<b>Missions Studies Total</b>		<b>33</b>

### Biblical/Theological Cognate

GBIB 505	Introduction to Old Testament Literature	3
GBIB 506	Introduction to New Testament Literature	3
GBIB 507	Biblical Hermeneutics	3
GTHE 518	Introduction to Theology	3
GTHE	Theology/Biblical literature electives	6
<b>Cognate Total</b>		<b>18</b>
<b>Degree Total</b>		<b>57</b>

# PRACTICAL THEOLOGY (MPT)

## Master of Arts

The Master of Arts in Practical Theology is designed to better equip believers for their important ministry in the local church. These leaders usually serve under the direction of pastors and are not seeking admission to the ordained ministry. This degree program prepares believers by increasing competence and understanding in the Word of God through proper hermeneutical and study skills and by providing a theological framework for understanding the teaching of Scripture and practices of ministry.

This 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.

<b>Prerequisites*</b>	<b>Credit Hours</b>
<i>Choice of one of the following:</i>	
GTHE 517 Seminar in Theological Research (3 hrs.)	0-3
PRF Theological Research Proficiency Exam (0 hrs.)	
<b>Prerequisites Total</b>	<b>0-3</b>

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

### ORU Distinctive Courses

GTHE 507 Holy Spirit in the Now	2
GTHE 508 Signs and Wonders and the Healing Ministry I	1
GTHE 509 Signs and Wonders and the Healing Ministry II	1
GHPE 503 Graduate Health Fitness*	1
<i>Choice of two of the following:</i>	
GHPE 515 Graduate Aerobics (.5)	1
GHPE 525 Graduate Walk for Fitness (.5)	
HPER Activity course (.5)	
HPER Activity course (.5)	
<b>ORU Distinctives Total</b>	<b>6</b>

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

### Practical Theology Studies

GBIB 507 Biblical Hermeneutics	3
GBIB Bible elective	3
GTHE 551 Systematic Theology I	3
GTHE 561 Systematic Theology II	3
GTHE 571 Church History I	3
GTHE 581 Church History II	3
PRM Missions/church growth/evangelism elective	3
FED 750 Ministry Practicum	3
<i>Choice of one of the following two courses:</i>	
GBIB 505 Introduction to Old Testament Literature	3
GBIB 551 Old Testament Synthesis	
<i>Choice of one of the following two courses:</i>	
GBIB 506 Introduction to New Testament Literature	3
GBIB 571 Introduction to New Testament Literature	
<i>Choice of one of the following two courses:</i>	
PRM 560 Teaching the Word	3
PRM 663 Text to Sermon	3
<i>Choice of one of the following two courses:</i>	

PRM 626 Principles of Biblical Counseling	
PRM 673 Introduction to Pastoral Care	

<b>Practical Theology Studies Total</b>	<b>36</b>
<b>Electives*</b>	<b>15</b>

\*These electives are provided to enable students to meet personal ministry needs and are to be selected in consultation with faculty advisors.

<b>Degree Total</b>	<b>57</b>
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## Doctor of Ministry

The Doctor of Ministry (D.Min.) is an advanced professional degree designed to continue the education of ministers so that they may be spiritually renewed and increasingly effective in their world ministries. The purpose of the program is to help ministers grow in their understandings and interpretations of the Church's ministry in relation to Biblical, theological, historical, ethical, and practical areas. Students are challenged to develop their ministerial skills and to refine and articulate a theology of ministry while in a setting of ministry. A distinctive of the doctoral program at ORU is the attempt to enable students to understand both the positive and problematic aspects of the charismatic dimensions of ministry.

## In-Ministry Degree

Students in the doctoral program remain in their full-time ministries. As an in-ministry degree, it is closely integrated with the actual practice of ministry. This is evident in the nature of the seminars, intensive courses, and research clinics. It is most evident in the applied research project in which most of the research, experimentation, and writing is done at the place of ministry. Students meet in a modular format on campus for a total of nine weeks over a two-year period for seminars, intensive courses, and research clinics. Most of the study/work is done individually in the setting of the local parish or other field of service.

## Korean Language Program

The Doctor of Ministry program is available to Korean students planning to minister in Korean-speaking contexts who wish to complete the degree through a bilingual delivery system. Lectures and materials are provided in both English and Korean. Translators assist in all phases of the program. Korean students complete the academic and residency requirements of the standard curriculum designed and controlled by the resident faculty. Residency requirements are met through on-campus sessions offered primarily in the summer. A Korean Language Program fee is added to provide for additional costs.

## Curriculum

The program is built around a tracked curriculum. All students follow the same sequence of courses. During the project phase, students choose areas of special interest and complete an applied research project within those areas. Projects focus upon such themes of ministry as evangelism, church growth, preaching, Christian education, missions, church and society, administration, and pastoral care and healing.

Two academic years are required for completion of the coursework. The applied research project may be finished during the third year. The entire program must

be concluded within five years after entry. Additional information is available in the Doctor of Ministry Handbook.

## Admission Requirements

Candidates applying for admission to the doctoral program should hold a first professional theological degree (M.Div. or the equivalent) with a 3.0 grade-point average from an accredited seminary. They should have a minimum of three years of full-time post-masters degree ministry experience.

Each applicant must submit the following:

- A biographical statement concerning the call to the ministry and the way in which that call has been expressed to the present (minimum of 500 words).
- A statement outlining why the applicant desires to pursue the D.Min. degree at Oral Roberts University.
- Four letters of reference—one from an ecclesiastical overseer (if there is one), one from a seminary professor, one from a peer in ministry, and one from a knowledgeable lay person.
- Official transcripts of all undergraduate and graduate studies to date.
- Scores from either the Miller Analogies Test or the Graduate Record Examination.

The Admissions Committee makes a determination based upon all relevant data and in keeping with the policies of the School of Theology and Missions. The Admissions Committee may require applicants to submit additional information for evaluation such as a personal interview, psychological test results, a spouse's endorsement, or a statement of status at another educational institution.

## Program Format

### Year One

Three seminars are offered during the first year, each seminar being composed of two three-hour courses. These seminars focus on (1) the minister's self-understanding of the call, (2) the spiritual, Biblical, and theological resources for ministry, (3) and the application of these in ministry. The three seminars together provide 18 hours of credit.

(Coursework: Six weeks of on-campus seminars)

- Fall Seminar I:** Two-week modular class  
Courses: Ministerial Identity, Pneumatology
- Spring Seminar II:** Two-week modular class  
Courses: Biblical Resources for Ministry, Theological Resources for Ministry
- Summer Seminar III:** Two-week modular class  
Courses: Pastoral Care and Spiritual Nurture, Pastoral Care and Counseling in the Local Church

### Year Two

Three workshops, consisting of four intensive courses and two research clinics, are required during the second year. The intensive courses vary and include such themes as church growth, preaching for response, leadership and administration, divine healing, trends in preaching and teaching, and ministry and current issues. Research clinics are designed to help students identify, develop, and implement the applied research project. Research clinics are conducted concurrently with intensive courses. Three hours of credit are earned for each course and clinic.

The courses and clinics are scheduled two per week, thus requiring three weeks on campus during the second year.

•**Fall Workshop I:** One-week modular class  
Intensive Course I: Trends in Preaching and Teaching  
Research Clinic I: Faculty and peers process and approve applied research project concept; project supervisor and reader assigned; instruction in applied research and proposal writing

•**Spring Workshop II:** One-week modular class  
Intensive Course II: Church Growth and Missions (Topics for intensive courses vary.)  
Research Clinic II: Project update, discussion of development, and suggested revisions; instruction in implementation and final report writing

•**Summer Workshop III:** One-week modular class  
Intensive Course III: Leadership and Administration  
Intensive Course IV: Divine Healing

### Year Three

During the third year, each student works on an approved topic for the research project. All D.Min. students must work with their advisors and with the Doctor of Ministry Office to ensure that all steps and requirements are being fulfilled correctly. The applied research project involves implementing the project, writing the paper that presents the research project and results, and defending the project before a committee. The research project may extend beyond year three; however, the entire D.Min. program must be completed within five years.

Students must also take the comprehensive oral exams. Additional information is available in the Doctor of Ministry Handbook.

### Degree Requirements

The Doctor of Ministry degree requires 37.5 hours of course credit, including an applied research project and graduate health fitness requirements.

Requirements	Credit Hours
DMIN 711 Ministerial Identity (Seminar I)	3
DMIN 712 Biblical Authority for Ministry (Seminar II)	3
DMIN 716 Pneumatology (Seminar I)	3
DMIN 717 Theological Resources for Ministry (Seminar II)	3
DMIN 730 Church Growth and Missions (Workshop II)	3
DMIN 732 Leadership and Administration (Workshop III)	3
DMIN 733 Divine Healing (Workshop III)	3
DMIN 735 Trends in Preaching and Teaching (Workshop I)	3
DMIN 761 Pastoral Care and Spiritual Nurture (Seminar III)	3
DMIN 768 Pastoral Care and Counseling in the Local Church (Seminar III)	3
DMIN 785 Research Clinic I (Workshop I)	3
DMIN 786 Research Clinic II (Workshop II)	3
DMIN 790 Research Project	0
GHPE 503 Graduate Health Fitness*	1
Choice of one of the following:	.5
GHPE 515 Graduate Aerobics (.5)	
GHPE 525 Graduate Walk for Fitness (.5)	
HPER Activity course (.5)	
<b>Degree Total</b>	<b>37.5</b>

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

### Course Offerings

Course descriptions for the courses listed below are at the end of this catalog. Course descriptions are alphabetical by the prefix.

#### Doctor of Ministry

DMIN 711	Ministerial Identity
DMIN 712	Biblical Authority for Ministry
DMIN 713	Pastoral Care and Counseling
DMIN 716	Pneumatology
DMIN 717	Theological Resources for Ministry
DMIN 718	Strategies for Effective Discipleship
DMIN 730	Church Growth and Missions
DMIN 731	Preaching for Response
DMIN 732	Leadership and Administration
DMIN 733	Divine Healing
DMIN 734	Ministry and Current Issues
DMIN 735	Trends in Preaching and Teaching
DMIN 736	Pastoral Ministry in the 21st Century
DMIN 749	Healing Through Pastoral Counseling
DMIN 761	Pastoral Care and Spiritual Nurture
DMIN 768	Pastoral Care and Counseling in the Local Church
DMIN 785	Research Clinic I
DMIN 786	Research Clinic II
DMIN 790	Research Project
DMIN 791	Research Project Continuation

#### Field Education

FED 501	Teaching Methodology
FED 658	Field Education (General)
FED 672	Field Education (Church)
FED 673	Field Education (Community)
FED 750	Ministry Practicum
FED 781	Pastoral Internship

#### Biblical Literature—Old Testament

GBIB 505	Introduction to Old Testament Literature
GBIB 510	Hebrew Synthesis I
GBIB 511	Hebrew Synthesis II
GBIB 551	Old Testament Synthesis
GBIB 561	Old Testament Hermeneutics and Exegesis (Hebrew)
GBIB 608	Eighth Century Prophets
GBIB 609	Exilic Prophets
GBIB 611	Theology of the Old Testament
GBIB 632	Isaiah (Hebrew)
GBIB 633	Pentateuch (Hebrew)
GBIB 634	Wisdom Literature
GBIB 635	Theophanies/Hebrew Scripture
GBIB 636	Exodus (Hebrew)
GBIB 637	Deuteronomy (Hebrew)
GBIB 646	Ancient Near East Civilization
GBIB 657	Old Testament History
GBIB 663	Syriac
GBIB 704	Psalms (Hebrew)
GBIB 712	Akkadian
GBIB 714	Ugaritic
GBIB 715	The Bible and Midrash (Hebrew)
GBIB 747	Dead Sea Scrolls (Hebrew)
GBIB 761	Advanced Syriac
GBIB 764	Biblical Aramaic
GBIB 766	Introduction to Rabbinic Thought and Literature
GBIB 767	Seminar in Old Testament
GBIB 774	Jewish Apocalyptic Literature

#### Biblical Literature—Old and New Testament

GBIB 507	Biblical Hermeneutics
GBIB 516	Biblical Eschatology
GBIB 552	Historical Geography of Palestine
GBIB 645	Biblical Archaeology
GBIB 648	Israel Travel Seminar

GBIB 744	Septuagint (Greek and Hebrew)
GBIB 749	Directed Study
GBIB 756	Thesis Research
GBIB 757	Thesis Writing
GBIB 754	Coptic Studies
GBIB 755	Classical Egyptian
<b>Biblical Literature—New Testament</b>	
GBIB 500	Greek Synthesis I
GBIB 501	Greek Synthesis II
GBIB 506	Introduction to New Testament Literature
GBIB 513	General Epistles
GBIB 517	Paul: Mission and Message
GBIB 556	Jesus in the Synoptic Gospels
GBIB 571	New Testament Synthesis
GBIB 573	I Corinthians
GBIB 581	New Testament Hermeneutics and Exegesis (Greek)
GBIB 583	The Parables of Jesus in Their Jewish Context
GBIB 589	History and Culture of New Testament Times
GBIB 618	Matthew (Greek)
GBIB 619	Romans (English)
GBIB 621	Theology of the New Testament
GBIB 623	Galatians and James: Law and Gospel
GBIB 624	Luke
GBIB 625	Gospel and Letters of John
GBIB 626	The Book of Acts
GBIB 628	Patterns of Ministry in the New Testament
GBIB 630	Pastoral Epistles
GBIB 676	Pauline Theology and Early Jewish Thought
GBIB 682	Synoptic Gospels (Greek)
GBIB 683	Mark (Greek)
GBIB 684	Charismata in Early Christianity
GBIB 688	The Jewish Background to the Gospels
GBIB 692	Parables of Jesus
GBIB 697	Jewish and Christian Prayer in the Time of Jesus
GBIB 729	Colossians/Ephesians (Greek)
GBIB 768	Epistle to the Hebrews
GBIB 769	Seminar in New Testament
GBIB 772	Charismata in the New Testament
GBIB 777	Exegesis of Romans (Greek)
GBIB 787	Cross/Resurrection in the New Testament (Greek)
<b>Theological/Historical Studies—Ethics</b>	
GTHE 660	Ethics and Contemporary Issues
GTHE 661	Introduction to Christian Ethics
GTHE 768	Ethics in Pastoral Ministry
GTHE 769	Ethics of Jesus
<b>Theological and Historical Studies—Historical</b>	
GTHE 571	Church History I
GTHE 581	Church History II
GTHE 675	Early Church Fathers
GTHE 676	The Age of Reformation
GTHE 744	Seminar in Historical Studies
<b>Theological and Historical Studies—Historical/Theological</b>	
GTHE 517	Seminar in Theological Research
GTHE 539	Black Church History and Theology
GTHE 674	Denominational Politics
GTHE 681	Historical Theology
GTHE 694	The Pentecostal/Charismatic Movements in Historical Perspective
GTHE 696	Divine Healing: A Theological and Historical Study
GTHE 749	Directed Study
GTHE 756	Thesis Research
GTHE 757	Thesis Writing

**Theological and Historical Studies—Theological**

GTHE 507 Holy Spirit in the Now  
 GTHE 508 Signs and Wonders I and the Healing Ministry  
 GTHE 509 Signs and Wonders II and the Healing Ministry  
 GTHE 518 Introduction to Theology  
 GTHE 551 Systematic Theology I  
 GTHE 561 Systematic Theology II  
 GTHE 591 Classics in Devotional Literature  
 GTHE 622 The Doctrine of God  
 GTHE 624 Christian Apologetics  
 GTHE 631 Theological German  
 GTHE 632 Theological French  
 GTHE 638 Contemporary Religious Cults  
 GTHE 644 The Doctrine of Christian Unity  
 GTHE 647 The Doctrine of Redemption  
 GTHE 657 Theology of Martin Luther  
 GTHE 658 Biblical Authority  
 GTHE 659 Ecclesiology: Church in the 21st Century  
 GTHE 663 Charismatic Theology  
 GTHE 670 Contemporary Theology  
 GTHE 678 The Theology of Revival and Renewal  
 GTHE 684 Reformed Theology  
 GTHE 686 Theology of John Wesley  
 GTHE 692 Pneumatology  
 GTHE 745 Seminar in Theological Studies  
 GTHE 760 Christology  
 GTHE 763 The Biblical Doctrine of Grace  
 GTHE 785 Church and Sacraments

**Practices of Ministry—Administration**

PRM 793 Church Administration

**Practices of Ministry—Christian Education**

PRM 506 Leadership Training  
 PRM 549 Foundations of Christian Education  
 PRM 551 Christian Education  
 PRM 554 Bible Institute/Christian School Education  
 PRM 558 Spiritual Formation and Discipleship  
 PRM 560 Teaching the Word  
 PRM 635 Human Growth and Development  
 PRM 652 Ministries with Children  
 PRM 653 Discipling Youth  
 PRM 656 The Adult Learner  
 PRM 658 Curriculum of Christian Education  
 PRM 659 Leadership and Administration in the Church  
 PRM 734 Leadership for Team Ministries  
 PRM 746 Contemporary Issues in Christian Education  
 PRM 750 Christian Education Practicum  
 PRM 757 Ministries with Families  
 PRM 788 Leadership in Ministry  
 PRM 793 Church Administration

**Practices of Ministry—Church and Society**

PRM 553 Ministry in the Urban Setting  
 PRM 651 Church in the Contemporary World  
 PRM 657 Special Projects in Church and Community  
 PRM 660 Practical Theology for Charismatic Ministry  
 PRM 759 Current Issues and the Church

**Practices of Ministry—Homiletics and the Minister**

PRM 661 Preaching and the Healing Ministry  
 PRM 663 Text to Sermons  
 PRM 664 Black Preaching in the African-American Tradition  
 PRM 669 Practice Preaching  
 PRM 697 Prayer: The Personal Discipline of the Minister  
 PRM 721 The Minister as Equipper  
 PRM 766 Preaching on Controversial Issues

PRM 767 The Preacher as Evangelist

PRM 769 Practice Preaching (Persuasive)

**Practices of Ministry—Missions, Church Growth, and Evangelism**

PRM 506 Leadership Training  
 PRM 511 Introduction to Christian Missions  
 PRM 516 Historical and Theological Foundations of Missions  
 PRM 519 Missionary Basics  
 PRM 544 Principles of Church Growth  
 PRM 553 Ministry in the Urban Setting  
 PRM 573 Major Religions of the World  
 PRM 575 Missionary Anthropology  
 PRM 578 Contextualized Theology  
 PRM 582 Introduction to Evangelism  
 PRM 583 Evangelism in Context  
 PRM 650 Multimedia and Computers in Ministry  
 PRM 685 Power Encounter  
 PRM 744 Planting New Churches  
 PRM 773 Language Acquisition  
 PRM 775 Missionary Internship  
 PRM 777 Missiological Research Project

**Practices of Ministry—Pastoral Care and Counseling**

PRM 528 Christian Approaches to Counseling  
 PRM 539 The Contemporary Family  
 PRM 571 Theology of Counseling  
 PRM 623 Ethics and Professional Issues in Counseling  
 PRM 624 Counseling Diverse Populations  
 PRM 625 Counseling Theories  
 PRM 626 Principles of Biblical Counseling  
 PRM 627 Crisis Counseling  
 PRM 630 Counseling Methods  
 PRM 635 Human Growth and Development  
 PRM 639 Family Development  
 PRM 640 Human Sexuality  
 PRM 641 Assessment in Marital and Family Therapy  
 PRM 642 Family Therapy  
 PRM 643 Marital and Family Systems Theory  
 PRM 645 Counseling the Elderly  
 PRM 670 Abnormal Human Behavior  
 PRM 671 Religion and Personality  
 PRM 673 Introduction to Pastoral Care  
 PRM 676 Marriage Counseling  
 PRM 678 Advanced Pastoral Care  
 PRM 679 Vocational and Occupational Guidance  
 PRM 680 Pastoral Ministry Yesterday, Today, and Tomorrow  
 PRM 681 Group Dynamics  
 PRM 691 Women in Ministry  
 PRM 723 Counseling Children and Adolescents  
 PRM 724 Testing and Assessment I  
 PRM 732 Testing and Assessment II  
 PRM 749 Directed Study  
 PRM 760 Cognitive Therapy  
 PRM 762 Narrative Therapy  
 PRM 763 Counseling Practicum  
 PRM 764 Marriage and Family Therapy Practicum  
 PRM 770 Psychopathology  
 PRM 780 Clinical Pastoral Education  
 PRM 781 Counseling Internship  
 PRM 782 Marriage and Family Therapy Internship  
 PRM 784 Counseling Research

# SCHOOL OF LIFELONG EDUCATION

**Jeff Ogle, Ed.D., Dean**  
**Nancy Brainard, Ed.D., Associate Dean**  
**Mark R. Hall, Ph.D., Chair**

## Cooperating Faculty

### School of Arts and Sciences

**Robin Akbar**.....Assistant Professor of Physics  
 B.S., University of Panjab, 1964; M.S., 1967.

**Tim Brooker**.....Assistant Professor of Government  
 B.A., John Brown University, 1979; M.A., University of Kentucky, 1981; M.P.A., 1983; Ed.D., University of Arkansas, 1998.

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

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

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

**Clark Eldridge**.....Associate Professor of Psychology  
 B.S., Maryville College, 1959; M.A., Ohio University, 1961; Ph.D., University of Delaware, 1965.

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

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

**Daniel J. Grimes**.....Associate Professor of Church Ministries  
 B.A., Central Bible College, 1982; M. Div., Oral Roberts University, 1988; D. Min., Oral Roberts University, 1995.

**Stephen Herr**.....Professor of Physical and Environmental Science  
 B.S., Juniata College, 1967; M.S., University of Iowa, 1971; Ph.D., Oklahoma State University, 1991.

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

**Robert Kiel**.....Assistant Professor of Social Work  
 B.A., Oral Roberts University, 1989; M.S.W., Marywood College, 1990.

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

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

**Carole Lewandowski**.....Assistant Professor of Communication Arts  
 B.A., Michigan State University, 1959; M.A., University of Tulsa, 1972.

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

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

**Sara Myer**.....Instructor of Biology  
 B.A., Oral Roberts University, 1994; M.Ed., 1995.

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

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

**Tanya Rogers**.....Instructor of Humanities  
 B.A., University of Georgia, 1995; M.A., Jerusalem University College, 1998.

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

**Raymond Smith**.....Assistant Professor of Missions and Christian Education  
 B.S., Southwestern College of Christian Ministries, 1991; M.A., Oral Roberts University, 1993; D.Miss., Asbury Theological Seminary, 1999.

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

**R. Samuel Thorpe**.....Professor of Philosophy and Theological Studies  
 B.A., University of Arkansas, 1971; M.A., Oral Roberts University, 1981; Ph.D., University of Tulsa, 1989.

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

**Daniel V. Ward**.....Instructor of Computer Science and Mathematics  
 B.S., Oklahoma College of Liberal Arts, 1971; B.S., Langston University, 1989; M.Ed., Southwestern State University, 1974.

**Edward Watson**.....Instructor of New Testament  
 B.A., Southern Baptist College, 1987; M.A., Oral Roberts University, 1994; Th.M., Duke University Divinity School, 1996.

### School of Business

**Charles Atkins**.....Instructor of Business Administration  
 B.S., Emporia State University, 1963; M.B.A., University of Houston, 1966.

**Ardith Baker**.....Instructor of Business  
 B.S., Pittsburg State University, 1980; M.S., Oklahoma State University, 1992.

**Robert Chapman**.....Instructor of Accounting  
 B.B.A., University of Texas, 1987; M.P.A.C.C.Y., University of Texas, 1989; M.B.A., Texas Tech University, 1990.

**George E. Gillen**.....Professor of Business and Chair, Undergraduate Department  
 B.S., University of Tulsa, 1957; M.B.A., 1960; Ed.D., 1972.

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

**Walt MacMillan**.....Associate Professor of Management  
 B.L.S., University of Oklahoma, 1992; M.S., Southern Nazarene University, 1994; Ph.D., Walden University, 1998.

### School of Education

**Linda G. Dunham**.....Associate Professor and Chair, Undergraduate Department  
 B.A., Oral Roberts University, 1970; M.L.S., University of Michigan, 1971; Ed.D., Oklahoma State University, 1987.

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

**Hallett Hullinger**.....Associate Professor  
 B.S., College of William and Mary, 1975; M.Ed., 1982; Ed.D., Oklahoma State University, 1996.

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

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

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

**Sherri Tapp**.....Assistant Professor  
 B.S., Tuskegee University, 1979; M.A., Oklahoma State University, 1982; Ed.D., 2002.

**Jeff Wetterman**.....Instructor  
 B.A., University of Tulsa, 1990; M.A., Oral Roberts University, 1996.

### School of Theology and Missions

**James Breckenridge**.....Associate Professor of Theology  
 B.A., Lee College, 1964; M.Div., Covenant Theological Seminary, 1968; Th.M., Trinity Divinity School, 1973; Th.D., Concordia Theological Seminary, 1991.

**Lillian Breckenridge**.....Associate Professor of Christian Education  
 B.A., Minot State College, 1964; M.R.E., Southwestern Theological Seminary, 1968; M.A.L.S., University of Valparaiso, 1976; Ph.D., Southwestern Baptist Theological Seminary, 1989.

**William Buker**.....Assistant Professor of Christian Counseling  
 B.A., Oral Roberts University, 1982; M.Div., 1986; M.A., 1993; D.Min., 1998.

**Edward E. Decker, Jr.**.....Professor of Christian Counseling  
 B.A., Evangel College, 1967; M.A., George Williams College, 1974; Ph.D., Kent State University, 1987.

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

**Larry Hart**.....Professor of Theology  
 B.A., Oral Roberts University, 1970; M.Div., Southern Baptist Theological Seminary, 1973; Ph.D., 1978.

**Cheryl L. Iverson**.....Assistant Professor of Old Testament Studies and Associate Dean  
 B.A., L.I.F.E. Bible College, 1968; M.A., Oral Roberts University, 1985; M. Phil., Drew University, 1989; Ph.D., Drew University, 1995.

**M. Robert Mansfield**.....Professor of New Testament  
 B.A., Rhodes College, 1960; B.D./M.Div., Duke Divinity School, 1963; M.A., Vanderbilt University, 1968; Ph.D., 1970.

**Thomson K. Mathew**.....Professor of Pastoral Care and Dean  
 B.S., Kerala University, 1971; M.Div., Yale Divinity School, 1975; S.T.M., 1977; D.Min., Oral Roberts University, 1986; Ed.D., Oklahoma State University, 1992.

**James Norwood**.....Associate Professor of Counseling  
 B.S., Alcorn State University, 1966; M.Div., The Southern Baptist Theological Seminary, 1974; M.A., Fisk University, 1982; Ed.D., Peabody College of Vanderbilt University, 1991.

**Daniel Thimell**.....Associate Professor of Theological-Historical Studies  
 B.A., Westmont College, 1974; M.Div., Fuller Seminary, 1978; Ph.D., University of Aberdeen, 1993.

**James Tollett**.....Associate Professor of Practical Theology  
 B.A., John Brown University, 1976; M.Div., Oral Roberts University, 1980; D.Min., 1986.

**Brad H. Young**.....Professor of Biblical Literature B.A., Oral Roberts University, 1978; M.A., Hebrew University, 1981; Ph.D., 1986.

### School of LifeLong Education

**Mark R. Hall**.....Associate Professor of English and Chair, School of LifeLong Education 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.

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

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

## Purposes and Goals

The School of LifeLong Education (SLLE) is designed to provide flexible quality educational programs that accommodate unique adult learners and non-traditional students. Courses for academic credit are available through correspondence studies and condensed sessions on campus. Non-academic courses are offered by correspondence or at strategic locations across the United States. Through these courses, students can access educational training to meet various needs.

Students can take courses toward an academic degree in five different ways: (1) the external degree program offers two bachelor degrees with four different majors, (2) WeekEnd University allows students who have previously begun a degree to complete the degree at ORU, (3) the degree completion program assists adult learners who began degrees in residence at ORU to complete them, (4) summer school offers courses in three-week blocks, and (5) the Home School College Program allows home-schooled high school students to earn college credit while completing high school.

Students can also take noncredit courses, some that are courses in continuing education and others that lead to certificates and diplomas. These programs of study allow students to fulfill personal goals, meet individual needs, and develop interests.

The ORU faculty expand their teaching ministry by supporting the School of LifeLong Education, providing program advisement, creating and teaching courses, and evaluating student work. The SLLE assists ORU to fulfill its purpose and mission.

Students may receive detailed information on all SLLE programs by contacting the Adult Learning Service Center at 1-800-643-7976 and 1-918-495-6036 or 7777 South Lewis Avenue, Tulsa, Oklahoma 74171.

## External Academic Degree Program

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

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

The University has several opportunities for pursuing bachelor and graduate degrees through a combination of distance education formats and on-campus courses. The offerings are as follows:

Bachelor of Science (School of Education)

- *Elementary Education with licensure*

Master of Arts (School of Education)

- *School Curriculum Development*
- *School Administration (K-12)*
- *Teaching with Public School Licensure*
- *Early Childhood Education*
- *Postsecondary School Administration*
- *Teaching English as a Second Language*

Doctor of Education in Educational Leadership (School of Education)

- *Christian School Administration*
- *Public School Administration*
- *Postsecondary Christian School Administration*

Master of Arts (School of Theology and Missions)

- *Practical Theology*

Master of Divinity (School of Theology and Missions)

Doctor of Ministry (School of Theology and Missions)

Master of Business Administration (School of Business)

- *Accounting*
- *Finance*
- *International Business*
- *Management*
- *Marketing*

Master of Management (School of Business)

- *Human Resource Management*
- *Non-Profit Management*

More information is available through the Adult Learning Service Center (ALSC) and the individual schools conferring the degrees.

## General Information

### Admission Requirements

Prospective students to the External Academic Degree Program must be at least 22 years old. Applicants should submit all post-secondary transcripts as well as an official high school transcript. Applicants also need to submit ministers' recommendations, personal essays, and signed Honor Code pledges. The Adult Learning Service Center at 1-800-643-7976 has more information.

### Readmission Requirements

Students in the School of LifeLong Education who have not enrolled within a period of one calendar year are required to submit an Application for Readmission through the Adult Learning Service Center. Applicants for readmission must be approved by the Registrar's

Office, Student Affairs Office, and Student Accounts. Official transcripts from institutions attended outside of Oral Roberts University must be forwarded to the Adult Learning Service Center.

## Adding Courses

External degree and graduate students in the Summer Institute Program may add a correspondence course at any time during the year.

## Course Length

Students have four months from the date of enrollment to complete a credit correspondence course and one year to complete a certificate or Home Bible Study correspondence course (noncredit courses).

## Course Format

For all courses each student must submit by mail three multi-part assignments and pass a final examination administered through a proctor, someone in the education or testing field who is not related to the student.

## Course Load

The normal course load for a full-time external degree correspondence study student is 9 credit hours in a four-month period. No student may take more than 16 hours in a given four-month period without the approval of the chair of the School of LifeLong Education (SLLE). The normal course load for a part-time correspondence study student is 3-6 credit hours in a four-month period.

## Grading System

Grades are recorded as "A," "B," "C," "D," or "F." Grade points are assigned to each grade: four grade points are awarded for each semester hour of "A," three for "B," two for "C," one for "D," and zero for "F." No credit is given for "Fs," incompletes ("I"), extensions ("E"), or withdrawals ("W"). A minimum grade point average of 2.0 must be earned for all work taken to qualify for graduation. A student is required to pass the final exam of a correspondence course in order to receive credit and a passing grade for the course.

## Incompletes and Withdrawals

One assignment must be submitted in a correspondence course in order to request an incomplete. The student must file a request for the incomplete and pay a fee of \$15 per credit hour of enrollment to have the incomplete recorded with the Registrar's Office. This extends the enrollment period by an additional four months.

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

Failure to complete the course work within the time allotted for extension ("E") will result in SLLE's converting it to "W." Such action does not excuse the student from any financial obligation for tuition charges. A student desiring to complete course work after a "W" has been reported must re-enroll, pay all course fees, and purchase current course materials.

If none of the assignments has been completed

and the student has not expressed interest in completing the course work, SLLE may post a grade of "W" to the transcript. In this case, the "W" indicates that course work has not been and will not be completed. The student may initiate this process by requesting to be withdrawn. A withdrawal does not excuse the student from any financial obligation for tuition charges.

If a student has not completed any assignments during the initial four months and wishes to be granted an incomplete, a written statement of intent to complete course work must be attached to the fee for the incomplete. Failure to do this may result in an administrative "W" being processed by the School of LifeLong Learning.

## Course Repeat

A course that is repeated at ORU to replace the original grade is noted on the student's transcript. The first course taken remains on the transcript with an indication it has been repeated. The grade received is excluded from the semester and cumulative grade point average. Courses successfully repeated outside ORU with SLLE approval will have the original earned hours removed, but the original grade will be used in figuring the grade point average.

## Examinations

Final exams or projects are required for all credit correspondence courses and account for a substantial portion of the final grade. Students are required to pass the final exam or project to receive a passing grade in a credit correspondence course. Students are notified of exam grades, but exams are not returned to students. There is a \$15 testing fee for each final exam.

Students living in the vicinity of Tulsa, Oklahoma, report to the SLLE to take final exams. Students not living in the vicinity of Tulsa complete Proctor Selection Forms included in the study guides. It is the student's responsibility to identify and make arrangements with a proctor. Test proctors must be appropriately credentialed educational professionals (i.e., principals, school teachers, school counselors, college/university professors). Relatives of students, other students enrolled at ORU, or nondesignated individuals may not serve as exam proctors. ORU reserves the right of approval of test proctors and may request students to come to campus for the purpose of taking exams in a case of suspected academic dishonesty.

## Assignments

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

## Academic Honesty

The education of all students is in part the product of their own intellectual efforts. Oral Roberts University cannot educate students who will not educate themselves. The University sees no value in making its resources available to students who evade the responsibilities and opportunities for their own education. To submit work that is not their own violates the purpose of the University. Therefore, students must do their own academic work and may not inappropriately collaborate with other students on assignments.

No Christian intellectual community can maintain its integrity or be faithful to its members if violations of its central purpose are tolerated. This principle of intel-

lectual responsibility applies to all work done by students. Cheating and plagiarism attack the basis for academic accreditation and Judeo-Christian civilization. They are violations of God's moral codes. Plagiarism is literary or artistic theft and misrepresentation. It is not only a moral wrong, but it is also illegal.

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

## Recording of Credit

Final course grades are submitted to the Registrar after assignments and final exam(s) have been evaluated by faculty. Students are required to pass a proctored final exam to pass a credit correspondence course. Credit is recorded for the semester in which enrollment occurred.

## Transcript Requests

Credits earned through correspondence study are recorded by the University Registrar on an official ORU transcript. Copies of official transcripts may be obtained through the ORU Registrar. Requests for transcripts must include the student's name and Social Security number.

## Learning Packets

Each correspondence course requires a learning packet, which is necessary for course completion. Materials such as textbooks, study guides, workbooks, tapes, and other items are included. No refunds are given on learning packets, and prices are updated quarterly. Current price lists are available by calling 1-800-643-7976 or 1-918-495-6036.

Learning packets are distributed to students through the ORU campus store. All materials are shipped via United Parcel Service at the normal delivery rate. In the event that Express or Second Day Air Service is preferred, students should notify the SLLE. There are additional postage expenses for materials shipped overseas. Students may contact the ORU campus store for exact rates. United Parcel Service does not deliver to post office boxes; a street address needs to be provided for shipping purposes.

## Tuition Refunds

Tuition refunds for credit courses are granted upon receipt of written requests within eight weeks of the enrollment date. Requests for refunds may be faxed to the ALSC at 1-918-495-7965 or mailed to the Adult Learning Service Center, Attn. Assistant Registrar, 7777 South Lewis, Tulsa, OK 74171. No refunds are granted on learning packets or certificate courses. Students are charged \$25 for each assignment submitted for grading. The University does not refund amounts under \$10. The amount of refund is determined according to the following schedule:

1-2 weeks	100% of tuition
3-5 weeks	50% of tuition
6-8 weeks	25% of tuition
after 8 weeks	no refund

## Health and Physical Education Requirements

Every student is required to make satisfactory progress in physical fitness. ORU wants its graduates to be mentally alert, spiritually alive, and physically dis-

ciplined. For this reason, all full-time students are required to enroll in and pass the Health Fitness and Fitness for Life courses.

Students are placed on HPER probation for failing health and physical education courses. Students on HPER probation are not eligible to graduate from the University.

## Prior Learning Assessment

This process recognizes the knowledge that adult learners have gained through non-college courses, on-the-job training, or personal study. Credit may be granted for knowledge acquired that is equivalent to content taught in a specific course. The knowledge must apply to a course(s) in the ORU curriculum.

Students document such knowledge by enrolling in GEN 101 Prior Learning Assessment, which is a portfolio development course. Enrollment is based upon the recommendation of the Admissions Committee. Students receive three hours of elective credit upon satisfactory completion of the course. In addition, the resulting portfolio is submitted to the Portfolio Assessment Committee for evaluation.

Portfolios must be submitted prior to the beginning of the second year of matriculation at ORU. Transfer students must have all transcripts sent to the SLLE prior to the portfolio assessment. Up to 30 hours of credit may be awarded through the portfolio evaluation process. Portfolio credit is recorded at one-half the normal tuition rate. A nonrefundable deposit of \$200 must be submitted to the SLLE along with the portfolio. Portfolio credit granted at ORU provides advanced standing in ORU degree programs but cannot be transferred to another college or university prior to graduating from ORU.

## Comprehensive Examination for Credit

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

## 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 academic programs.

## BUSINESS ADMINISTRATION MAJOR (BUS)

*Bachelor of Science*

The business administration major is designed to provide background for executives in business enterprises and industrial society. A broad background in the liberal arts provides a basis for social understanding and appreciation in society as it relates to the business environment. This major is an excellent preparatory program for students desiring to pursue the Master of

Business Administration degree or the Master of Management degree, which are both offered through the ORU School of Business.

<b>General Education</b>	<b>Credit Hours</b>
ePortfolio (Gen 099)	0
English (ENG 101, 305)	6
Oral Communication (COM 101)	3
Humanities (HUM 111, 112, 213, 214)	12
Biblical Literature (BLIT 110, 120)	6
Theology (THE 103)	3
Laboratory Science (BIO 101 and PSC 101)	8
Mathematics (MAT 232)	3
American History (HIS 101)	3
American Government (GOV 101)	3
Social Sciences Elective (Choice of one of the following: PSY 201, SOC 101, SOC 201)	3
Health, Physical Education, and Recreation (001, 002, 101, 102)	4
<b>General Education Total</b>	<b>54</b>

<b>Major</b>		<b>Credit Hours</b>
ACT 215 Principles of Financial Accounting I	3	
ACT 216 Principles of Financial and Managerial Accounting II	3	
ACT 320 Quantitative Analysis	3	
BUS 325 Business Law I	3	
BUS 326 Business Law II	3	
MKT 130 Principles of Marketing	3	
MGT 130 Principles of Management	3	
MGT 431 Strategic Management	3	
FIN 338 Financial Management	3	
BUS 499 Seminar and Senior Paper	3	
<b>Major Total</b>	<b>30</b>	

<b>Cognate</b>		<b>Credit Hours</b>
BUS 201 Principles of Economics I	3	
BUS 202 Principles of Economics II	3	
CSC 112 Microcomputer Applications in Business	3	
FIN 244 Personal Financial Planning	3	
<b>Cognate Total</b>	<b>12</b>	
<b>Electives*</b>	<b>32</b>	
<b>Degree Total</b>	<b>128</b>	

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

## CHRISTIAN CARE AND COUNSELING MAJOR (CHCC)

*Bachelor of Science*

This major is designed to prepare students for lay ministries of counseling within the context of local church or church-related agencies. This program equips students to help people realize wholeness in every area of their lives—spirit, mind, and body. This major is an excellent preparatory program for the Master of Arts in Christian Counseling offered through the School of Theology and Missions.

<b>General Education</b>	<b>Credit Hours</b>
ePortfolio (Gen 099)	0
English (ENG 101, 305)	6

Oral Communication (COM 101)	3
Humanities (HUM 111, 112, 213, 214)	12
Biblical Literature (BLIT 110, 120)	6
Theology (THE 103)	3
Laboratory Science (BIO 101 and PSC 101)	8
Mathematics (MAT 151)	3
American History (HIS 101)	3
American Government (GOV 101)	3
Social Sciences Elective (Choice of one of the following: BUS 201, SOC 101, FIN 244)	3
Health, Physical Education, and Recreation (001, 002, 101, 102)	4
<b>General Education Total</b>	<b>54</b>

<b>Major</b>		<b>Credit Hours</b>
THE 217 Seminar in Theological Research	3	
PSY 201 Introduction to Psychology	3	
CCC 301 Introduction to Christian Caregiving	3	
CCC 324 Foundations of Personality Development	3	
CCC 332 Lifespan Development	3	
CCC 339 Developing Helping Skills	3	
CCC 411 Practical Applications of Helping Skills	3	
CCC 413 Senior Practicum	3	
<i>Choice of seven courses from the following list:</i>	<b>21</b>	
CCC 303 Issues and Identity of the Caregiver		
CCC 321 Christian Approaches to Counseling		
CCC 405 Crisis Intervention		
CCC 426 Assessment and Evaluation		
CCC 429 Substance Abuse		
CCC 430 Special Issues in Counseling		
SOC 201 Marriage and the Family		
CHRM 306 Pastoral Ministry Skills		
PSY 338 Psychology of Abnormal Behavior		
<b>Major Total</b>	<b>45</b>	
<b>Electives*</b>	<b>29</b>	
<b>Degree Total</b>	<b>128</b>	

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

## CHURCH MINISTRIES MAJOR (CHM)

*Bachelor of Science*

According to Ephesians 4:11, evangelists, pastors, and teachers 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 Bachelor of Science in Church Ministries is a general theological degree.

<b>General Education</b>	<b>Credit Hours</b>
ePortfolio (Gen 099)	0
English (ENG 101, 305)	6
Oral Communication (COM 101)	3
Humanities (HUM 111, 112, 213, 214)	12
Biblical Literature (BLIT 110, 120)	6
Theology (THE 103)	3
Laboratory Science (BIO 101 and PSC 101)	8
Mathematics (MAT 151)	3
American History (HIS 101)	3
American Government (GOV 101)	3
Social Sciences Elective (Choice of one of the following: PSY 201, BUS 201, SOC 101, SOC 201, FIN 244)	3

Health, Physical Education, and Recreation (001, 002, 101, 102)	4
<b>General Education Total</b>	<b>54</b>

<b>Major</b>		<b>Credit Hours</b>
BIB 222 Old Testament Introduction	3	
BIB 261 New Testament Introduction	3	
BIB 306 Hermeneutics	3	
BIB 362 Jesus and the Gospels	3	
THE 217 Seminar in Theological Research	3	
THE 313 Systematic Theology I	3	
THE 314 Systematic Theology II	3	
THE 453 History of Christianity I: Early and Medieval Church	3	
THE 454 History of Christianity II: Reformation to Present	3	
CHRM 305 Teaching the Bible	3	
CHRM 306 Pastoral Ministry Skills	3	
CHRM 460 Church Administration	3	
CHRM 499 Senior Paper/Project	3	
<i>Choice of four of the following courses:</i>	<b>12</b>	
BIB 302 Historical Geography of the Holy Land		
BIB 346 Luke-Acts		
BIB 363 Eschatology and the Book of Revelation		
BIB 364 The Pauline Epistles		
BIB 376 Hebrews and General Epistles		
BIB 421 Pentateuch		
BIB 424 Hebrew Prophets		
BIB 437 Psalms and Wisdom Literature		
<i>Choice of three of the following courses:</i>	<b>9</b>	
THE 304 Contemporary Religions of America		
THE 353 History of Christianity in America		
THE 402 Divine Healing		
THE 444 Contemporary Theology		
THE 445 Charismatic Theology		
THE 464 Prayer		
<i>Choice of two of the following courses:</i>	<b>6</b>	
CHRM 304 Educational Ministries of the Church		
CHRM 335 Introduction to Evangelism		
CHRM 340 Sermon Preparation and Preaching		
MISS 404 Church Growth and Planting		
<b>Major Total</b>	<b>66</b>	
<b>Electives*</b>	<b>8</b>	
<b>Degree Total</b>	<b>128</b>	

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

## LIBERAL STUDIES (LIBS)/LIBERAL ARTS (LAD) MAJOR

*Bachelor of Science/Bachelor of Arts*

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

The liberal studies major requires that students pursue at least two distinct areas of interest within an interdisciplinary format. A variety of course work and

experiences, including transfer opportunities from other recognized institutions of higher learning, is possible within the degree plan. The liberal arts major includes the same content requirements plus a foreign language component validating oral and written proficiency.

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

After the proposals are reviewed by the Dean of SLLE, students are assigned advisors to assist in planning their degree programs. Admission to the degree program does not necessarily guarantee automatic acceptance of a particular student's proposed course of study. The SLLE reserves the right to make appropriate modifications or impose additional requirements as necessary to ensure a sound education program in accordance with the standards of excellence of ORU. Students' approved courses of study are outlined in their final degree plans.

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

Admission to the liberal arts major, including completion of the foreign language component, is possible with the approval of the School of LifeLong Education.

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

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

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

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

**Foreign Language Option.** Any student desiring to major in liberal arts is required to take six hours in a foreign language and complete at least a 203-level foreign language course. Foreign language courses may not be used to meet both general education requirements and those in an area of interest.

General Education	Credit Hours
ePortfolio (Gen 099)	0
English (ENG 101, 305)	6
Foreign Language (liberal arts major only)	0-6
Oral Communication (COM 101)	3
Humanities (HUM 111, 112, 213, 214)	12
Biblical Literature (BLIT 110, 120)	6
Theology (THE 103)	3
Laboratory Science (BIO 101 and PSC 101)	8
Mathematics (MAT 151 or 232)	3

American History (HIS 101)	3
American Government (GOV 101)	3
Social Sciences Elective (Choice of one of the following: PSY 201, BUS 201, SOC 101, SOC 201, FIN 244)	3

Health, Physical Education, and Recreation (001, 002, 101, 102)	4
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**General Education Total** 54-60

#### Specialization Requirements

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

**Specialization Total** 63

**Electives** 5-11

**Degree Total** 128

## WeekEnd University

### General Information

WeekEnd University is an intense degree completion program specifically geared toward the adult student. It is designed for the full-time employed adult learner, 24 years of age or older, who has at least two years of full-time work experience and has completed a minimum of 40 credit hours from a regionally accredited college or university. By attending Friday night and all day Saturday for three consecutive weekends (12.5 hours of classroom time in each of three weekends for a total of 37.5 hours of instruction), students can earn three credit hours toward a Bachelor of Science in Organizational Relations or Church Development. Classes meet the needs most individuals face in occupational settings.

### Admission Requirements

Prospective students must be at least 24 years old and must have had at least two years of work experience. Applicants should have at least 40 transferable hours from an accredited college or university. Each must submit a current resume, an official high school transcript, a minister's recommendation, and a personal essay and must sign the Honor Code pledge. Interested individuals should contact the ALSC at 1-918-495-6036.

### Mission

The mission of WeekEnd University is to provide the Tulsa and Eastern Oklahoma communities with an accredited adult education experience with both the rigor of a baccalaureate degree program and the sensitivity to and understanding of the adult professional's responsibilities. It is the goal of the University to provide an enriching, applicable, and integrated academic experience by blending students' professional work backgrounds with the knowledge and facilitation skills of the WeekEnd University faculty. An experiential

learning environment is recognized as most effective for the adult learner, so special attention is given to ensure that each course encourages student interaction and participation. A Christ-centered approach is offered in all courses.

### Classroom Activities

Each class is (1) sufficiently rigorous, complete with papers, projects and examinations, (2) sensitive to the working professional's family and career commitments, (3) set in an experiential, facilitative, interactive environment utilizing state-of-the-art technologies, (4) applicable and timely in subject matter presentation, and (5) interactive with local professionals, as well as a faculty comprised of full-time professors (over 50% with earned doctorates).

The concentrated nature of the class schedule requires attendance at every class. There are no excused absences. Classroom time is designed to reinforce required reading and further explore the subjects being studied. Recognizing the characteristics of the adult learner, faculty use an appropriate mixture of lecture, discussion, student presentations, group activities, videos, and guest speakers to make the classroom experience truly meaningful. Written assignments are required in each course to provide students the opportunity to integrate the readings, activities, and discussions with their professional experiences.

### Dress

WeekEnd University students enjoy a relaxed, professional setting while abiding by the dress code policies in effect on campus. Business casual attire for men includes dress slacks, dress shirts, and polo-style shirts. Business casual attire for women includes dress slacks and skirts. All attire must be tasteful and fitting for a professional environment.

### Student Services

WeekEnd University students have access to all services the University provides traditional students. These include access to the Aerobics Center, the ORU library, state-of-the-art computer labs (with student lab fee), word processing services at student rates, and discounts for ORU sporting and cultural events.

## ORGANIZATIONAL RELATIONS MAJOR (ORR)

### Bachelor of Science

The organizational relations major couples business and communications and deals with the qualitative business skills of accounting and economics. This is an excellent major for managers or supervisors, customer service professionals, and human resources professionals and is an excellent preparation for the Master of Management degree, which is offered through the ORU School of Business.

General Education	Credit Hours
ePortfolio (Gen 099)	0
English (ENG 101, 305)	6
Oral Communication (COM 101)	3
Humanities (HUM 111, 112, 213, 214)	12
Biblical Literature (BLIT 110, 120)	6
Theology (THE 103)	3
Laboratory Science (BIO 101 and PSC 101)	8

Mathematics (MAT 151 or 232)	3	<b>Major</b>		
American History (HIS 101)	3	BIB 306	Hermeneutics	3
American Government (GOV 101)	3	BIB 346	Luke-Acts	3
Social Sciences Elective (Choice of one of the following: PSY 201, BUS 201, SOC 101, SOC 201, FIN 244)	3	BIB 362	Jesus and the Gospels	3
		CCC 332	Lifespan Development	3
		THE 415	Christian Apologetics	3
		MISS 404	Church Growth and Planting	3
Health, Physical Education, and Recreation (001, 002, 101, 102)	4	CHRM 305	Teaching the Bible	3
		CHRM 306	Pastoral Ministry Skills	3
		CHRM 460	Church Administration	3
		CHRM 499	Senior Paper/Portfolio	3
<b>General Education Total</b>	<b>54</b>			
		<b>Major Total</b>		<b>30</b>
<b>Major</b>		<b>Cognate</b>		
COM 203	3	SOC 201	Marriage and Family	3
COM 322	3	COM 203	Interpersonal Communication	3
COM 359	3	COM 410	Discussion and Conference Leadership	3
		COM 413	Cross-Cultural Communication and Minority Group Relations	3
COM 410	3			
COM 412	3	<b>Cognate Total</b>		<b>12</b>
COM 413	3	<b>Electives</b>		<b>32</b>
COM 420	3			
COM 499	3	<b>Degree Total</b>		<b>128</b>
MGT 352	3			
MGT 461	3			
<b>Major Total</b>	<b>30</b>			
<b>Cognate</b>				
MGT 130	3			
MGT 353	3			
MGT 443	3			
<b>Cognate Total</b>	<b>9</b>			
<b>Electives</b>	<b>35</b>			
<b>Degree Total</b>	<b>128</b>			

## CHURCH DEVELOPMENT MAJOR (CHD)

### Bachelor of Science

The church development major combines theology, behavioral science, and communication course work. This major is excellent preparation for those desiring to work in full-time ministry in the church or on the mission field. Church development also serves as a strong major for those students wanting to pursue a masters degree in counseling through the School of Theology and Missions.

General Education	Credit Hours
ePortfolio (Gen 099)	0
English (ENG 101, 305)	6
Oral Communication (COM 101)	3
Humanities (HUM 111, 112, 213, 214)	12
Biblical Literature (BLIT 110, 120)	6
Theology (THE 103)	3
Laboratory Science (BIO 101 and PSC 101)	8
Mathematics (MAT 151 or 232)	3
American History (HIS 101)	3
American Government (GOV 101)	3
Social Sciences Elective (Choice of one of the following: PSY 201, BUS 201, SOC 101, FIN 244, SOC 323)	3
Health, Physical Education, and Recreation (001, 002, 101, 102)	4
<b>General Education Total</b>	<b>54</b>

## Degree Completion Program

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

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

The School of LifeLong Education has more information on degree completion. Those interested should contact the Coordinator of Distance Education.

## Summer School

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

The summer school consists of four summer sessions, each lasting three weeks. The first session generally begins the first week of May with the fourth ses-

sion ending the last week of July. Students may attend any one or all sessions and may enroll in only four credit hours per session. Chapel meets once per week during summer sessions, and attendance is required. Summer housing is available in the University residence halls.

The Registrar publishes the summer school schedule in the fall and spring of each year. The current summer school schedule is available upon request.

## Home School College Program

The Home School College Program offers home-educated youth who are studying at the high school level the experience of concurrently taking college courses through correspondence. This provides the student with exposure to the advanced level as well as a firm foundation for success in college. Public and private school high school students need to obtain a principal's permission to participate in this program.

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

## Course Offerings for the Home School College Program

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

ART 213	Basic Drawing
BIO 101	Principles of Biology Lecture
BIO 101	Principles of Biology Laboratory
ENG 100	College Reading and Writing
ENG 101	Reading and Writing in the Liberal Arts
GEN 113	Study Skills
GOV 101	American Government and Politics
HIS 101	American History Survey: 1760 to Present
HUM 111	Introduction to Humanities I
HUM 112	Introduction to Humanities II
MAT 100	Introduction to College Mathematics
MAT 151	Mathematics and Society
THE 103	Charismatic Life and the Healing Ministry

## Continuing Education Program

The Continuing Education Program offers various short courses and seminars to ORU's varied constituencies. The offerings generally promote self-improvement, life enrichment, and professional growth. The schedule of continuing education offerings is published by the School of LifeLong Education in the fall and spring of each year. These noncredit classes are traditionally attended by adult learners desiring to update skills or become better informed about current issues. Courses are selected on the basis of interest exhibited by potential students. The instructors are assigned because of their unique training or life experiences.

More detailed information about these opportunities is available by writing the Adult Learning Service Center at 7777 South Lewis Avenue, Tulsa, OK 74171 or by calling 1-800-643-7976.

## Noncredit Certificate of Theology

Oral Roberts University provides correspondence courses at the certificate level to motivate Christians who seek further knowledge of the Bible, theology, and ministry. Individuals who take certificate level courses receive a Certificate of Completion suitable for framing after each course. In addition, individuals who complete 12 certificate courses receive a Certificate of Theology from Oral Roberts University. These courses focus on the students—helping them learn more about themselves, the Bible, and the world. It is a way to help someone become a better parent, teacher, friend, worker, and employer.

Each course is offered fully by correspondence to be completed within one full year of the date of enrollment. Month by month thorough and helpful instructions are given to assist students in the completion of each course. School of LifeLong Education (SLLC) correspondence students can study at their own pace in the convenience of their own homes.

Students may enroll in one or more correspondence courses at any time by contacting the School of LifeLong Education. These classes are also available for group study.

### Certificate Courses

#### **XBIB 001 Old Testament Studies**

The major characters and themes of the Old Testament in historical and spiritual perspective.

#### **XBIB 002 New Testament Studies**

The life and teachings of Christ, the events of the Book of Acts, the writings of Paul, and other New Testament events.

#### **XBIB 003 Messages from the Holy Spirit to the Church Today**

The distinctive messages of Luke and Acts that reveal the wondrous charismatic distinctive for the church through the ministry of the Holy Spirit.

#### **XCHM 001 How to Witness**

A study of the evangelistic dimensions of the Christian faith and how to share faith with others.

#### **XGOV 001 Christian Leaders Who Shaped America**

An introduction to America's rich political heritage and how to face the future responsibly. The Bible's teachings on politics and government is explored.

#### **XHPE 001 Physical Fitness and Faith**

A study of God's plan for total health; spiritually, physically, and emotionally.

#### **XPSY 001 You and Your Personality**

The dynamics of the human personality and how to communicate more effectively in all interpersonal relationships.

#### **XTHE 001 End-Time Events**

A study of Biblical prophecy and contemporary events leading to the second coming of Christ.

#### **XTHE 002 The Holy Spirit at Work Today**

A study of the gifts of the Holy Spirit and their dynamic relationship to today's believer.

#### **XTHE 003 Renewing Your Mind by the Holy Spirit**

How the Holy Spirit transforms the life of the believer by the renewing of the mind.

#### **XTHE 004 Your Better Health and Miracle Living**

The Biblical teachings on how to achieve God's greatest blessings for your health and daily life.

#### **XTHE 005 Principles and Patterns of Divine Healing**

A study of the principles and patterns of healing demonstrated by Jesus and His disciples.

#### **XTHE 011 Charismatic Life and the Healing Ministry**

Emphasizes the importance of the Holy Spirit in the life of the believer and the fact that God is still in living commerce with man, working supernaturally through healing and the gifts of the Spirit. Introduces basic Christian charismatic beliefs and the essential tenets of Oral and Richard Roberts Ministries through a topical study of the major themes of the Bible. (This course is also part of the Home Bible Study Series, and tuition is greater than other certificate courses because it contains a video component.)

## Home Bible Study Series

The Home Bible Study program is a series of noncredit courses designed to give students the opportunity to view videotape lectures by President Richard Roberts and professors on campus and to complete corresponding course work. The life-changing lessons of the Bible come to life through this dynamic program offered for personal enrichment and spiritual growth. These are self-guided courses that require the student to mail in only a final assignment. At the end of each Home Bible Study course, students receive a Certificate of Completion. Each course is offered fully by correspondence to be completed within one full year of the date of enrollment.

## Home Bible Study Courses

#### **XBIB 011 Introduction to Old Testament Literature**

Gives the student a working knowledge of the Old Testament, focusing on the history of the people of Israel and its relevance for the Christian life. Presents a detailed overview that includes the account of the Creation and centuries of Israelite history. Demonstrates how God placed His plan for humanity into action as the prophecies of the coming Messiah are unveiled. Challenges the student to read the entire Old Testament, apply the Scriptural foundations of the Old Testament, and exhibit God's principles expounded therein.

#### **XBIB 012 Introduction to New Testament Literature**

Gives the student an overview of the various elements of the New Testament. Features a discussion of events that lead up to the time of the New Testament, as well as events that happen during New Testament times. Examines the life of Jesus and the development of the church through the Pauline and General Epistles. Encourages students to study the New Testament intensely and learn how to exhibit its teaching in their daily lives.

#### **XTHE 011 Charismatic Life and the Healing Ministry**

Emphasizes the importance of the Holy Spirit in the life of the believer and the fact that God is still in living commerce with man, working supernaturally through healing and the gifts of the Spirit. Introduces basic Christian charismatic beliefs and the essential tenets of Oral and Richard Roberts Ministries through a topical study of the major themes of the Bible.

#### **XTHE 012 Christian Faith and Ministry**

Gives students a deeper understanding of the Christian faith by allowing them to discover a historical, as well as a Biblical, basis for Christian doctrine. Through this study, students gain a better grasp of who God is and what His provisions are, who Christ is, what the nature of the Trinity is, and what the nature of the Church is. Makes Christian faith a relative presence in students' lives, strengthens students' faith, and equips them to be ministers of the Gospel with a message of reconciliation for a lost and hurting world.

## Bible Institute Program

The School of LifeLong Education coordinates closely with the School of Theology and Missions in offering the Bible Institute Program. The program is designed to complement the educational ministries of the local church. Through the institute program, the local church works with the ORU School of LifeLong Education to offer the Short-Term Theological Certificates, Advanced Certificate of Theology, and the Diploma of Theological Studies for the equipping of the saints for ministry. Institute programs are conducted at the local church with academic and administrative support from the University. The ORU School of Theology and Missions provides certificate and diploma curricula, materials, and lecture notes prepared by its faculty and other qualified professionals. The Adult Learning Service Center provides administrative support and

administers the operational aspects of the institute program. The local church provides instructors to teach institute courses. ORU theological faculty are available to teach special short courses and/or seminars at the local church. Such arrangements are made on an individual basis, depending on the specific needs of the church and the availability of ORU faculty. Students completing the program receive a joint certificate or diploma from the Oral Roberts University School of Lifelong Education and the local church Bible institute.

Course work in the Bible Institute program may be applied toward advanced standing in ORU's undergraduate residential and distance education degree programs. More information on procedures for obtaining advanced standing is available from the faculty coordinator of the Bible Institute program at 1-800-495-7097.

## Diploma of Theological Studies

The Diploma of Theological Studies is designed for Christians who desire intensive training in Biblical studies, theology, and practical ministries. This 66-credit hour approach to ministry training is especially attractive to pastors and laypersons in that the training occurs as a part of the church's own Bible institute and is tailored to involve the laity in the ministries of the local church.

The faculty of the ORU School of Theology and Missions expand the scope of their teaching ministries by providing input to the diploma curriculum. ORU faculty support institute instructors by supplying study guides, lecture notes, etc., for each course in the program.

Revision to the established curriculum is considered on an individual basis. The University recognizes that additions to the curriculum may be necessary in order to accommodate and address the uniqueness of respective Bible institutes. Requests for revision of the curriculum are to be submitted in writing to the attention of the faculty coordinator for Theological Certificate and Diploma Programs. The diploma course work is composed of three parts. All students must complete the Bible component and the theological and historical component and then select an area of interest: practical ministry, Christian caregiving, or Christian education.

<b>Bible Courses</b>	<b>Credit Hours</b>
DBIB 110 Old Testament Survey	3
DBIB 120 New Testament Survey	3
DBIB 400 Biblical Interpretation (Hermeneutics)	3
<i>Choice of four courses from the following:</i>	12
DBIB 302 Historical Geography of the Holy Land	
DBIB 362 Life of Christ	
DBIB 363 End-Time Events (Biblical Eschatology)	
DBIB 364 Life of Paul	
DBIB 374 Romans: Your Path to Victory	
DBIB 376 Hebrews and General Epistles	
DBIB 401 Israel Study Tour	
DBIB 421 Pentateuch	
DBIB 424 Hebrew Prophets	
DBIB 437 Poetical Literature	
DBIB 455 Luke/Acts	
<b>Bible Total</b>	<b>21</b>

### Theological and Historical Courses

DTHE 101 Holy Spirit in the Now	3
DTHE 230 Christian Faith and Ministry	3
DTHE 399 Signs and Wonders I	3
DTHE 453 History of Christianity I	3
DTHE 454 History of Christianity II	3
<i>Choice of two courses from the following:</i>	6

DTHE 304 Contemporary Religious Cults	
DTHE 313 Bible Doctrines I (DTHE 230 Prerequisite)	
DTHE 314 Bible Doctrines II (DTHE 230 Prerequisite)	
DTHE 400 Signs and Wonders II (Principles and Patterns of Divine Healing)	
DTHE 444 Contemporary Theology (DTHE 230 and DTHE 454 Prerequisites)	

**Theological and Historical Total**     21

Choice of one of the following areas:

### Practical Ministry

DPRM 305 Teaching the Bible	3
DPRM 317 Principles of Biblical Counseling	3
DPRM 320 Ministry Practicum (3 semesters, 1 credit hour each)	3
DPRM 430 Evangelism	3
DPRM 464 Prayer	3
<i>Choice of three courses from the following*:</i>	9
DPRM 301 Introduction to Christian Caregiving	
DPRM 304 Educational Ministries of the Church	
DPRM 325 Introduction to Christian Missions	
DPRM 333 Ministry and Leadership Development	
DPRM 340 Sermon Preparation	
DPRM 397 Ministry Internship	
DPRM 460 Church Administration	

**Practical Ministry Total**     24

Note: Christian caregiving or Christian Education courses may be used for general studies electives.

### Christian Caregiving

DPRM 301 Introduction to Christian Caregiving	3
DPRM 317 Principles of Biblical Counseling	3
DPRM 320 Ministry Practicum (3 semesters, 1 credit hour each)	3
DPRM 321 Christian Approaches to Counseling	3
DPRM 312 Faith and Human Development	3
<i>Choice of three of the following courses:</i>	9
DPRM 397 Ministry Internship	
DPRM 405 Crisis Intervention	
DPRM 418 Marriage and Family	
DPRM 422 Group Dynamics and Counseling	
DPRM 429 Introduction to Co-Dependency Counseling	
DPRM 449 Spiritual Issues in Substance Abuse	
DPRM 474 Premarital Counseling	

**Christian Caregiving Total**     24

### Christian Education

DPRM 300 History and Philosophy of Christian Education	3
DPRM 305 Teaching the Bible	3
DPRM 320 Ministry Practicum (3 semesters, 1 credit hour each)	3
DPRM 312 Faith and Human Development	3
DPRM 333 Ministry and Leadership Development	3
<i>Choice of three of the following courses:</i>	9
DPRM 304 Educational Ministries of the Church	
DPRM 397 Ministry Internship	
DPRM 402 Discipleship and Small Groups	
DPRM 454 Youth Ministry	
DPRM 456 Children's Ministry	
DPRM 455 Adult Ministry	
DPRM 460 Church Administration	

**Christian Education Total**     24

**Diploma Total**     66

## Advanced Certificate of Theology

The Advanced Certificate is designed to acknowledge a student's accomplishment in completing half of the diploma curriculum. Students are awarded the Advanced Certificate of Theology upon completion of 33 hours of the diploma curriculum. In addition to recognizing the accomplishment, the certificate also provides incentive for students to finish the diploma program.

Information on how to establish an institute program or the locations of current certificate and diploma institutes may be obtained by calling 1-800-643-7976 or 918-495-7097 or by writing to the School of LifeLong Education, 7777 South Lewis Avenue, Tulsa, Oklahoma 74171.

## Short-Term Theological Certificates

Short-term certificates provide options for Bible Institutes wanting to offer shorter training for their workers than the Advanced Certificate of Theology (33 credit hours) or the Diploma of Theological Studies (66 credit hours) and yet use the same curriculum. Once students have completed the Short-Term Theological Certificate, they can continue toward the Advanced Certificate of Theology. The six specialized certificates are listed below:

### Christian Workers Certificate

Provides short-term training in Christian work in a ministry or local church.

#### Required Courses (13 hours):

DBIB 110 Old Testament Survey	3
DBIB 120 New Testament Survey	3
DPRM 320 Ministry Practicum	1
DPRM 333 Ministry and Leadership Development	3
DTHE 230 Christian Faith and Ministry	3

#### Elective Courses (Choose 6 hours):

DBIB 362 Life of Christ	3
DBIB 400 Biblical Interpretation (Hermeneutics)	3
DPRM 301 Introduction of Christian Caregiving	3
DPRM 305 Teaching the Bible	3
DPRM 317 Principles of Biblical Counseling	3
DPRM 340 Sermon Preparation	3
DPRM 430 Evangelism	3
DPRM 461 Prayer	3

### Christian Education Certificate

Designed for people in church education programs such as Sunday school, children's church, youth ministry, and cell group ministry.

#### Required Courses (13 hours):

DBIB 110 Old Testament Survey	3
DBIB 120 New Testament Survey	3
DPRM 305 Teaching the Bible	3
DPRM 312 Faith and Human Development	3
DPRM 320 Ministry Practicum	1

#### Elective Courses (Choose 6 hours):

DPRM 300 History and Philosophy of Christian Education	3
DPRM 301 Introduction to Christian Caregiving	3
DPRM 304 Educational Ministries of the Church	3
DPRM 333 Ministry and Leadership Development	3
DPRM 402 Discipleship and Small Groups	3

DPRM 454 Youth Ministry	3
DPRM 455 Adult Ministry	3
DPRM 456 Children's Ministry	3

**Christian Caregiving Certificate**

Designed to provide training in lay counseling in the local church.

**Required Courses (10 hours):**

DPRM 301 Introduction to Christian Caregiving	3
DPRM 312 Faith and Human Development	3
DPRM 317 Principles of Biblical Counseling	3
DPRM 320 Ministry Practicum	1

**Elective Courses (Choose 9 hours):**

DPRM 321 Christian Approaches to Counseling	3
DPRM 405 Crisis Intervention	3
DPRM 418 Marriage and Family	3
DPRM 422 Group Dynamics and Counseling	3
DPRM 429 Introduction to Codependency Counseling	3
DPRM 449 Spiritual Issues in Substance Abuse	3
DPRM 474 Premarital Counseling	3

**Christian Mission Certificate**

Provides training in evangelism, church planting, and missions.

**Required Courses (10 hours):**

DPRM 320 Ministry Practicum or	
DPRM 397 Missions Internship	1
DPRM 325 Introduction to Christian Missions	3
DPRM 430 Evangelism	3
DTHE 230 Christian Faith and Ministry	3

**Elective Courses (Choose 9 hours):**

DPRM 404 Church Growth and Planting	3
DTHE 303 Major World Religions	3
DTHE 304 Contemporary Religious Cults	3
DTHE 399 Signs and Wonders I	3

**Biblical Studies Certificate**

Designed for students who want to focus on Biblical studies.

**Required Courses (10 hours):**

DBIB 110 Old Testament Survey	3
DBIB 120 New Testament Survey	3
DBIB 400 Biblical Interpretation (Hermeneutics)	3
DPRM 320 Ministry Practicum	1

**Elective Courses (Choose 9 hours):**

DBIB 362 Life of Christ	3
DBIB 363 End-Time Events	3
DBIB 364 Life and Teachings of Paul	3
DBIB 374 Romans: Your Path to Victory	3
DBIB 376 Hebrews and General Epistles	3
DBIB 421 Pentateuch	3
DBIB 424 Hebrew Prophets	3
DBIB 437 Poetical Literature	3
DBIB 455 Luke/Acts	3

(As one of the three electives, the student may choose either DTHE 230 Christian Faith and Ministry or DPRM 305 Teaching the Bible, but not both.)

**General Theological Studies Certificate**

Designed for students who prefer a variety of general theological studies instead of specializing in one area.

**Required Courses (1 hour):**

DPRM 320 Ministry Practicum	1
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**Elective Courses (Choose 18 hours):**

Choose at least 3 hours (preferably 6) from DBIB:

DBIB 110 Old Testament Survey	3
DBIB 120 New Testament Survey	3
DBIB 362 Life of Christ	3
DBIB 363 End-Time Events	3
DBIB 374 Romans: Your Path to Victory	3
DBIB 376 Hebrews and General Epistles	3

DBIB 400 Biblical Interpretation (Hermeneutics)	3
DBIB 401 Israel Study Tour	3
DBIB 421 Pentateuch	3
DBIB 424 Hebrew Prophets	3
DBIB 437 Poetical Literature	3
DBIB 455 Luke/Acts	3

Choose at least 3 hours (preferably 6) from DTHE:

DTHE 101 Holy Spirit in the Now	3
DTHE 230 Christian Faith and Ministry	3
DTHE 303 Major World Religions	3
DTHE 304 Contemporary Religious Cults	3
DTHE 399 Signs and Wonders I	3
DTHE 453 History of Christianity I	3
DTHE 454 History of Christianity II	3
DTHE 400 Signs and Wonders II (Principles and Patterns of Divine Healing)	3

Choose at least 3 hours (preferably 6) from DPRM:

DPRM 300 History and Philosophy of Christian Education	3
DPRM 301 Introduction to Christian Caregiving	3
DPRM 304 Educational Ministries of the Church	3
DPRM 305 Teaching the Bible	3
DPRM 312 Faith and Human Development	3
DPRM 317 Principles of Biblical Counseling	3
DPRM 321 Christian Approaches to Counseling	3
DPRM 325 Introduction to Christian Missions	3
DPRM 333 Ministry and Leadership Development	3
DPRM 340 Sermon Preparation	3
DPRM 397 Ministry Internship	3
DPRM 402 Discipleship and Small Groups	3
DPRM 405 Crisis Intervention	3
DPRM 418 Marriage and Family	3
DPRM 422 Group Dynamics and Counseling	3
DPRM 429 Introduction to Codependency Counseling	3
DPRM 449 Spiritual Issues in Substance Abuse	3
DPRM 454 Youth Ministry	3
DPRM 455 Adult Ministry	3
DPRM 456 Children's Ministry	3
DPRM 460 Church Administration	3
DPRM 461 Prayer	3
DPRM 474 Premarital Counseling	3

## Bible Institute Courses

Note: The courses listed below apply toward the diploma of theology studies or a certificate of theology but not toward an ORU degree. Courses applying toward an ORU degree are located at the end of this catalog. Students desiring credit for acquired knowledge in the SLLE academic programs should consult the section titled Prior Learning Assessment and Comprehensive Examination for Credit.

**DBIB 110****Old Testament Survey**

3 credit hours

A historical survey of the Old Testament. Special attention is given to the cultural background, to the theological and contextual perspectives, and to the practical application of major Old Testament themes.

**DBIB 120****New Testament Survey**

3 credit hours

An examination of the New Testament and of the historical, social, economic, and religious background out of which Christianity arose.

**DBIB 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.

**DBIB 362****Life of Christ**

3 credit hours

A study of the life and teachings of Jesus Christ as presented in the Gospels and early Christian literature.

**DBIB 363****End-Time Events (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 Messiah, resurrection, tribulation, millennium, judgment, signs of the times, and Kingdom of God.

**DBIB 364****Life and Teachings of Paul**

3 credit hours

A study of the life and teachings of the Apostle Paul as recorded in the Book of Acts and the Pauline Epistles. Special attention is given to the beginnings and growth of the Church.

**DBIB 374****Romans: Your Path to Victory**

3 credit hours

A basic study surveying the great truths found in Paul's letter to the Romans. Key passages are dealt with in great detail. Particular attention is given to the major doctrinal and exhortative sections of the book with an application to Christian faith and practice.

**DBIB 376****Hebrews and General Epistles**

3 credit hours

A study of the New Testament books of Hebrews, James, 1 and 2 Peter, and Jude. Particular attention is given to the major teachings of these books as they fit into their original historical contexts and as they speak to us today.

**DBIB 400****Biblical Interpretation (Hermeneutics)**

3 credit hours

A study of the problems and methods of Biblical interpretation, including the factors of presuppositions, grammar, literary and historical context, and the appropriate handling of various kinds of literature found in the Bible.

**DBIB 421****Pentateuch**

3 credit hours

A study of the first five books of the Old Testament, commonly known as the Pentateuch. Emphasizes the historical, cultural, and geographical milieu of these books.

**DBIB 424****Hebrew Prophets**

3 credit hours

A study of the origin and development of prophecy among the Hebrews during the first half of the first millennium B.C. Emphasis is placed on the messages of the prophets, historical background, and the social and religious implications of their teaching.

**DBIB 437****Poetical Literature****3 credit hours**

A study of the poetical books of the Old Testament, including Job, Psalms, Proverbs, Ecclesiastes, Song of Solomon, and Lamentations, with emphasis on Hebrew poetry and its relation to other ancient literatures.

**DBIB 455****Luke/Acts****3 credit hours**

A study of the Gospel of Luke and its accompanying text, the Book of Acts. Emphasis is placed on the historical and cultural milieu of these books, with special focus on how the Holy Spirit speaks to the church today.

**DPRM 300****History and Philosophy of Christian Education****3 credit hours**

A study of the historical development of Christian education from its Biblical beginnings to the present. The emerging philosophies of education are presented in order to aid the student in developing a personal philosophy of education.

**DPRM 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. The integration of the theoretical and theological perspectives with practical experiences is implemented and evaluated.

**DPRM 304****Educational Ministries of the Church****3 credit hours**

A study designed to introduce the student to the historical, philosophical, and theological basis of the educational ministries of the Church. Includes a study of the basic principles and practices of organization and administration of these ministries, with emphasis on implementing programs to meet the needs of the learner through his or her life span.

**DPRM 305****Teaching the Bible****3 credit hours**

Fundamental and advanced methods of Bible study relating to teaching situations in the church are studied. Thorough consideration of background information is encouraged for proper understanding of Biblical situations and their application to our present time.

**DPRM 312****Faith and Human Development****3 credit hours**

A study of "whole person" development and wide range of practical Christian ministry in the local church context. Includes physical, intellectual, social, moral, and faith development for all ages.

**DPRM 317****Principles of Biblical Counseling****3 credit hours**

An introduction to basic concepts and procedures of Biblical counseling. Its purpose is to acquaint the student with a Biblically oriented approach to helping people. The knowledge and skills gained may then be integrated into the student's personal counseling style.

**DPRM 320****Ministry Practicum****1 credit hour**

The purpose of this ministry practicum is to provide the student with practical experience in ministerial responsibilities and in a broad range of roles performed in ministry. Trainees gain competence in essential areas of local church ministry. (Taken for 3 semesters.)

**DPRM 321****Christian Approaches to Counseling****3 credit hours**

Examines three aspects of counseling within the Christian context: (1) a theological foundation for Christian counseling; (2) communication and relationship-building skills necessary for being an effective helper; and (3) helping theories and their application for the Christian counselor.

**DPRM 325****Introduction to Christian Missions****3 credit hours**

A study designed to provide an overview of God's eternal purpose—the preparation of a people for Himself from all the nations of the earth. By examining the Biblical foundation, the historical development, the cultural considerations, and the strategic demands of God's work in the world, the student is challenged to the primary role of missions in the Church.

**DPRM 333****Ministry and Leadership Development****3 credit hours**

A study of Biblical principles and methods of training believers for ministry and leadership in the church. Attention is given to spiritual growth, development, and equipping needed for effective ministry and leadership.

**DPRM 340****Sermon Preparation**

A study designed to instruct the student in the proper interpretation and presentation of Biblical material through preaching. Basic communication skills and sound principles of hermeneutics of scripture are addressed, and attention is given to the Biblical perspective of preaching, principles of sermon construction, and sermon delivery.

**DPRM 397****Ministry Internship****3 credit hours**

A study designed to provide the student with practical exposure to the ministry enterprise. It allows the student to experience the administrative, home-base operation that is essential to any missionary endeavor, to develop ministry skills through evangelism and church ministry, and to participate in a short-term, cross-cultural mission.

**DPRM 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 Christian disciples are developed and gives practical guidelines for implementing discipleship in the church.

**DPRM 404****Church Growth and Planting****3 credit hours**

A basic orientation to the varied dimensions of starting new churches. Basic principles and procedures of church growth are applied to both the world mission

and local church situations and are related to evangelism, mission, education, and administrative leadership.

**DPRM 405****Crisis Intervention****3 credit hours**

A study to acquaint the student with the nature and dynamics of crisis situations. Emphasis is placed upon intervention principles and procedures in the context of training laymen for basic crisis intervention.

**DPRM 418****Marriage and Family****3 credit hours**

This course is a study to explore the dynamics of family relationships, particularly from the viewpoint of family counseling and therapy. The course focuses on knowledge and skills such as the theology of marriage and the family, problems of divorce and remarriage, courtship and mate selection, and the theory and technique of family therapy.

**DPRM 422****Group Dynamics and Counseling****3 credit hours**

This course involves participation in small groups. It includes an investigation of small groups processes through reading and surveying research literature with emphasis on development of interpersonal skills.

**DPRM 429****Introduction to Co-Dependency Counseling****3 credit hours**

The theological, ethical, moral, medical, and practical considerations important in counseling those who are chemically dependent and those who are co-dependent.

**DPRM 430****Evangelism****3 credit hours**

A course dealing with the evangelistic dimensions of the pastoral ministry in preaching, counseling, teaching, visitation, and training the laity for outreach.

**DPRM 449****Spiritual Issues in Substance Abuse****3 credit hours**

Most self-help programs refer to a higher power. This course identifies the spiritual issues associated with seeking a higher power from a uniquely Christian perspective.

**DPRM 454****Youth Ministry****3 credit hours**

This course gives 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.

**DPRM 455****Adult Ministry****3 credit hours**

A survey of issues, developmental tasks, and Biblical principles for contemporary adults is provided. Special emphasis is given to adult learning and church and community programs of adult education.

**DPRM 456****Children's Ministry****3 credit hours**

This course 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.

**DPRM 460****Church Administration  
3 credit hours**

A study designed to introduce the student to the practical aspects of administration within the church setting. This includes organization, planning, staff selection, motivation and training, evaluation, and general leadership principles and problems. Administrative procedures are centered on the Biblical and theological purposes of the church.

**DPRM 464****Prayer  
3 credit hours**

A study designed to assist the student in evaluating and developing a life of prayer. Various approaches to prayer that have been described in Scripture and by Christian leaders are explored.

**DPRM 474****Premarital Counseling  
3 credit hours**

A presentation of specific skills and interventions that enable the counselor to engage prospective marital partners in dialogue concerning the Biblical, theological, and psychological aspects of marriage. The history of premarital counseling is reviewed, as is communications theory.

**DTHE 101****Holy Spirit in the Now  
3 credit hours**

Chancellor Roberts analyzes Biblical concepts and principles that reveal the person and work of the Holy Spirit. Parallels of the dynamic ministry of the Spirit in today's world are clearly drawn.

**DTHE 230****Christian Faith and Ministry  
3 credit hours**

A cursory exploration of the Biblical truths and teachings of the Christian church. Emphasis is placed on the charismatic interpretation of these truths, especially as expounded by Chancellor Roberts.

**DTHE 303****Major World Religions  
3 credit hours**

A historical survey of current religions. Emphasizes major beliefs and ethics of various religions.

**DTHE 304****Contemporary Religious Cults  
3 credit hours**

An exploration of the history, theology, and evangelistic thrusts of alternative religions (cultic groups) in America. Each group is evaluated Biblically.

**DTHE 313****Bible Doctrines I  
3 credit hours**

Covers the idea of theology; the existence of God; Scriptures as revelation; and the nature, works, and decrees of God. (DTHE 230 is a prerequisite.)

**DTHE 314****Bible Doctrines II  
3 credit hours**

Discusses doctrine of the Trinity, decrees of God, Creation, and Providence (DTHE 230 is a prerequisite.)

**DTHE 399****Signs and Wonders I  
3 credit hours**

A study of the manifestation of signs and wonders in the history of the Church, to learn from those servants of God whose ministries are characterized by signs and wonders and to experience signs and wonders in their own lives and ministries.

**DTHE 400****Signs and Wonders II (Principles and Patterns of Divine Healing)  
3 credit hours**

A continuation of Signs and Wonders I. This course is designed to allow students to study the manifestation of signs and wonders in the history of the Church, to learn from those servants of God whose ministries are characterized by signs and wonders, and to experience signs and wonders in their own lives and ministries.

**DTHE 444****Contemporary Theology  
3 credit hours**

A study of mid-19th and 20th-century trends in theological thought with special reference to theological options of the present day, including fundamental, liberal, charismatic/Pentecostal, secular, and New Age theologies. (DTHE 230 and DTHE 454 are prerequisites.)

**DTHE 453****History of Christianity I  
3 credit hours**

A study of the development of the Christian church from its birth to the Reformation, with emphasis upon the major historical movements, leaders, and theological issues of the period.

**DTHE 454****History of Christianity II  
3 credit hours**

Survey of expression from the Reformation era, with emphasis on the reformers and the impact made politically and economically. Special reference is made to the great missionary expansion.

## SLLE Academic Course Offerings

Course descriptions for the courses listed below are at the end of this catalog. Course descriptions are alphabetical by the prefix.

**Accounting**

- ACT 215 Principles of Financial Accounting I  
ACT 216 Principles of Financial and Managerial Accounting II  
ACT 320 Quantitative Analysis

**Art**

- ART 213 Drawing

**Biblical Literature**

- BLIT 110 Survey of Old Testament Literature  
BLIT 120 Survey of New Testament Literature

**Biblical Studies**

- BIB 222 Old Testament Introduction  
BIB 261 New Testament Introduction  
BIB 302 Historical Geography of the Holy Land

- BIB 306 Hermeneutics: Principles of Biblical Interpretation  
BIB 346 Luke-Acts  
BIB 362 Jesus and the Gospels  
BIB 363 Eschatology and the Book of Revelation  
BIB 364 The Pauline Epistles  
BIB 376 Hebrews and General Epistles  
BIB 421 Pentateuch  
BIB 424 Hebrew Prophets  
BIB 437 Psalms and Wisdom Literature

**Biology**

- BIO 101 Principles of Biology Lecture  
BIO 101 Principles of Biology Laboratory

**Business**

- BUS 201 Principles of Economics I  
BUS 202 Principles of Economics II  
BUS 325 Business Law I  
BUS 326 Business Law II  
BUS 499 Seminar and Senior Paper

**Christian Care and Counseling**

- CCC 301 Introduction to Christian Caregiving  
CCC 303 Issues and Identity of the Caregiver  
CCC 321 Christian Approaches to Counseling  
CCC 324 Foundations of Personality Development  
CCC 332 Lifespan Development  
CCC 339 Developing Helping Skills  
CCC 405 Crisis Intervention  
CCC 411 Practical Applications of Helping Skills  
CCC 413 Senior Practicum  
CCC 426 Assessment and Evaluation  
CCC 429 Substance Abuse  
CCC 430 Special Issues in Counseling

**Church Ministries**

- CHRM 304 Educational Ministries of the Church  
CHRM 305 Teaching the Bible  
CHRM 306 Pastoral Ministry Skills  
CHRM 335 Introduction to Evangelism  
CHRM 340 Sermon Preparation and Preaching  
CHRM 399 Signs and Wonders  
CHRM 460 Church Administration  
CHRM 499 Senior Paper/Project

**Communication Arts**

- COM 101 Oral Communication  
COM 203 Interpersonal Communication  
COM 322 Interviewing  
COM 359 Adult Development in the Organization  
COM 410 Discussion and Conference Leadership  
COM 412 Training and Development  
COM 413 Cross-Cultural Communication/Minority Group Relations  
COM 420 Gender and Family Relations  
COM 499 Research and Senior Paper/Project

**Computer Science**

- CSC 112 Microcomputer Applications in Business

**Elementary Education**

- ELE 314 Reading and Language Arts  
ELE 323 Children's Literature and the Library EC-8  
ELE 342 Motor Learning, Games, and Activities EC-8  
ELE 343 Fine Arts Methods (Art, Music, and Drama)  
ELE 344 Elementary Reading Methods  
ELE 364 Mathematics Methods  
ELE 383 Science Methods  
ELE 393 Social Studies Methods

**English**

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

**Finance**

- FIN 244 Personal Financial Planning  
FIN 338 Financial Management

**General Studies**

- GEN 101 Prior Learning Assessment

GEN 113 Study Skills  
GEN 499 Senior Paper/Project

**Government**

GOV 101 American Government and Politics

**Health, Physical Education, and Recreation**

HPER 001 Health Fitness I  
HPER 002 Health Fitness II  
HPER 101 Fitness for Life I  
HPER 102 Fitness for Life II

**History**

HIS 101 American History Survey: 1760 to Present

**Humanities**

HUM 111 Introduction to Humanities I  
HUM 112 Introduction to Humanities II  
HUM 213 Modern Humanities I  
HUM 214 Modern Humanities II

**Management**

MGT 130 Principles of Management  
MGT 352 Organizational Behavior  
MGT 353 Human Resource Management  
MGT 431 Strategic Management  
MGT 443 Executive Development  
MGT 461 Conflict Resolution

**Marketing**

MKT 130 Principles of Marketing

**Mathematics**

MAT 100 Introduction to College Mathematics  
MAT 151 Mathematics and Society  
MAT 232 Elementary Statistics

**Missions**

MISS 325 Introduction to Christian Missions  
MISS 404 Church Growth and Planting

**Professional Education**

PED 104 Prior Learning Assessment  
PED 224 School Health and Safety  
PED 303 TESL Assessment  
PED 313 Human Growth and Development  
PED 353 Exceptional Individuals  
PED 372 Classroom Management and Educational Law  
PED 382 Educational Assessment  
ESL 303 TESL Principles

**Physical Science**

PSC 101 Principles of Physical Science Lecture  
PSC 101 Principles of Physical Science Laboratory

**Psychology**

PSY 201 Introduction to Psychology  
PSY 338 Psychology of Abnormal Behavior

**Sociology**

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

**Theology**

THE 103 Charismatic Life and the Healing Ministry  
THE 217 Seminar in Theological Research  
THE 304 Contemporary Religions in America  
THE 313 Systematic Theology I  
THE 314 Systematic Theology II  
THE 353 History of Christianity of America  
THE 402 Divine Healing  
THE 415 Christian Apologetics  
THE 444 Contemporary Theology  
THE 445 Charismatic Theology  
THE 453 History of Christianity I: Early and Medieval Church  
THE 454 History of Christianity II: Reformation to Present  
THE 464 Prayer

# COURSE DESCRIPTIONS

**Note:** Graduate courses crosslisted with undergraduate courses require additional work for graduate credit.

## ACCOUNTING (ACT)

### ACT 215

#### Principles of Financial Accounting I 3 credit hours

A conceptual study of the principles of financial accounting that emphasizes the balance sheet, income statement, and the basic bookkeeping system. The course specifically includes deferrals and accruals, adjusting and closing entries, special journals, the voucher system, and payroll accounting.

### ACT 216

#### Principles of Managerial Accounting II 3 credit hours

A continuation of financial accounting as it relates to partnerships and corporations, with some coverage of topics in the managerial accounting area, including manufacturing accounting, control accounting, CVP relationships, financial statement analysis, cash flow statements, and special management reports.  
Prerequisite: ACT 215.

### ACT 320

#### Quantitative Analysis 3 credit hours

A study of quantitative analysis interpretations of data for business decision-making; probability theory, linear programming, special purpose algorithms, inventory models, PERT/CPM, simulation forecasting, and other quantitative methods.  
Prerequisites: MAT 232 or the equivalent, ACT 215, and 216.

### ACT 327

#### Intermediate Accounting I 3 credit hours

A comprehensive study of intermediate accounting theory and technique. Financial statement relationships are stressed 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.  
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 to the AICPA. After completing the balance sheet approach to the systematic study of the theory, students analyze financial statements.  
Prerequisite: ACT 327.

### ACT 432

#### Managerial Cost Accounting 3 credit hours

A study of basic cost relationships, cost systems

design, variance analysis, CVP analysis, and standard costing techniques. Considers the relative income effects of alternative product-costing methods together with relevant cost evaluations and inventory planning and control techniques.  
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 roles of accounting systems, controls, and auditing.  
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.  
Prerequisite: ACT 328 or permission of instructor.

### 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.  
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. The course includes problems that require research utilizing return preparation software and various tax reference services.  
Prerequisite: ACT 442.

### ACT 451

#### Accounting Internship 1-3 credit hours

A special problem in accounting for the student of special ability in lieu of a regular course. It is also possible, upon receiving written approval from the instructor, to obtain an on-the-job apprenticeship for one semester to provide data for writing a formal paper. (Credit is determined by the nature and scope of the project.)  
Prerequisite: Accounting major.

### ACT 462

#### Advanced Accounting I 3 credit hours

An in-depth study of business combinations, consolidated financial statements, and accounting for partnership creation, operation, dissolution, and liquidation.

Emphasizes worksheet techniques for the preparation of consolidated statements.

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, segment reporting, and accounting for derivatives).  
Prerequisite or corequisite: ACT 327.

### 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.  
Prerequisites: ACT 215, 216, and 327.

### ACT 473

#### Estate and Gift Tax Accounting 3 credit hours

A practical continuation of GACT 571. Provides an introduction to estate and gift tax accounting. Emphasizes the Federal 706 Estate Tax Return and 709 Gift Tax Return with introductions to federal and state financial income tax returns.

## ART (ART)

### ART 101

#### Fundamentals of Art I 3 credit hours

The study and application of the visual elements and principles of visual organization in the second dimension. Includes an introduction to lateral thinking as it applies to the generation of ideas. Includes devotions to help validate the student's call as a Christian artist. (Class contact for lecture and studio—6 hours.)  
Course fee: \$40.

### ART 102

#### Fundamentals of Art II 3 credit hours

A continuation of Art 101 with an emphasis on the application of the principles of design to the third dimension. (Class contact for lecture and studio—6 hours.)  
Prerequisite: ART 101 or permission of the instructor.  
Course fee: \$40.

### ART 103

#### Art History Survey I 3 credit hours

A study of the world arts, artists, and their cultures from prehistoric times through the Gothic Period.

### ART 104

#### Art History Survey II 3 credit hours

A study of world painting, sculpture, and architecture from the birth of the Italian Renaissance through the eighteenth century.

**ART 105****Color  
3 credit hours**

Investigation into the objective and subjective nature of color and its application in fine art, graphic design, advertising, and computer graphics. Students develop an eye for color by examining fundamental properties of color, optical effects, color illusions, psychology, and symbolism. Uses a combination of guided personal discovery through color studies and traditional lecture/demonstrations to provide a multifaceted understanding of subtractive and additive color in a variety of design driven applications. (Class contact for lecture and studio—6 hours.)

Course fee: \$40.

**ART 201****Ceramics I  
3 credit hours**

The study of a variety of hand-building techniques. It includes a study of form and generation of ideas in clay with an introduction to the application of glaze and loading and firing a kiln. (Class contact for lecture and studio—6 hours.)

Course fee: \$40.

**ART 202****Sculpture I  
3 credit hours**

Develops student skills in the methods and study of the sculptural form. Emphasizes methods, materials, concepts, and artistic style. (Class contact for lecture and studio—6 hours.)

Prerequisite: ART 102.

Course fee: \$40.

**ART 203****Painting I  
3 credit hours**

An introduction to the materials and techniques of oil painting. Emphasizes color, surface, and composition. Traditional to contemporary styles are explored. (Class contact for lecture and studio—6 hours.)

Prerequisites: ART 101, 213, and 214.

Course fee: \$40.

**ART 204****Printmaking I  
3 credit hours**

A course covering the basic media and processes involved in the relief and intaglio processes, serigraphy, and creative printmaking. (Class contact for lecture and studio—6 hours.)

Prerequisites: ART 101 and 213.

Course fee: \$40.

**ART 213****Drawing  
3 credit hours**

A course intended to develop the student's understanding of the basic concepts of drawing and their powers of observation. Students work with various media utilizing a variety of sources and environments (Class contact for lecture and studio—6 hours.)

Course fee: \$40.

**ART 214****Figure Drawing  
3 credit hours**

Introduction to fundamentals of drawing the human figure from gesture to finished work. Emphasis on shape, form, value, structure, and individual expression.

(Class contact for lecture and studio—6 hours.)

Prerequisite: ART 213.

Course fee: \$40.

**ART 218****Graphic Design I  
3 credit hours**

A study of typography and graphic design. Students work in a variety of media. (Class contact for lecture and studio—6 hours.)

Prerequisites: ART 101 and 213; or permission of the instructor.

Course fee: \$40.

**ART 223****Crafts  
3 credit hours**

A survey course of craft techniques for the beginning student. Historical and cultural concepts with practical application. (Class contact for lecture and studio—6 hours.)

Course fee: \$40.

**ART 301****Ceramics II  
3 credit hours**

A continuation of ART 201 with an emphasis on the lab potter's wheel as a tool for the forming of pottery. Includes advanced decoration and firing techniques peculiar to wheel-thrown forms. (Class contact for lecture and studio—6 hours.)

Prerequisite: ART 201 or permission of the instructor.

Course fee: \$40.

**ART 302****Sculpture II  
3 credit hours**

A continuation of ART 202. An in-depth study of the design and technical methods of sculpture construction. Includes techniques in wood aluminum and welded steel. (Class contact for lecture and studio—6 hours.)

Prerequisite: ART 202 or permission of the instructor.

Course fee: \$40.

**ART 303****Painting II  
3 credit hours**

Concentration on developing imaginative resources and processes through the use of acrylics. Explores the aesthetics of both abstraction and observation. (Class contact for lecture and studio—6 hours.)

Prerequisite: ART 203.

Course fee: \$40.

**ART 304****Printmaking II  
3 credit hours**

A continuation in developing the students' conceptual and studio skills in media and processes involved in relief, intaglio, serigraphy, and creative printmaking. (Class contact for lecture and studio—6 hours.)

Prerequisite: ART 204.

Course fee: \$40.

**ART 307****Art History Survey III  
3 credit hours**

A survey and topical study of issues in the nineteenth and twentieth century art of Europe and North America.

**ART 318****Graphic Design II  
3 credit hours**

A study of graphic design's relationship with the advertising disciplines. Practical application of basic graphic design skills through the completion of a self-promotional advertising campaign. (Class contact for lecture and studio—6 hours.)

Prerequisite: Art 218.

Course fee: \$40.

**ART 331****Illustration  
3 credit hours**

A course that provides students with the opportunity to produce five finished art pieces suitable for inclusion in their professional portfolios. Introduces students to various art media in various formats, techniques, and dimensions aimed at different audiences. (Class contact for lecture and studio—6 hours.)

Prerequisites: ART 101, 105, 213, and 218.

Course fee: \$40.

**ART 333****Watercolor  
3 credit hours**

An introduction to various watercolor pigments, principles, and techniques used in watercolor painting. Fundamental techniques and painting elements are achieved through projects and experimentation with different brushes and paper. Includes historical research and a survey of various master painters. (Class contact for lecture and studio—6 hours.)

**ART 353****Practicum Infield Study I  
3 credit hours**

Provides the graphic design student with the opportunity to work with art professionals while going into every person's world, gaining experience in a real workplace in either a secular or Christian art department setting. Tasks range from the mundane to actually participating in graphic design productions.

Prerequisites: Art 218, 318, 440, and 450, and permission of instructor.

**ART 363****Black and White Photography  
3 credit hours**

A course in basic photographic procedure using black and white film with available light. Includes use of both the camera and darkroom equipment, composition through the viewfinder of the camera and through the lens of the enlarger, development of film and paper, contact printing, cropping, and mounting. Also includes the application of visual devices (art elements and art principles) to photography. (Crosslisted with MMC 363.) (Class contact for lecture and studio—6 hours.)

Prerequisites: Art 101, 102, and 213.

Course fee: \$40.

**ART 440****Computer Graphics (DTP)  
3 credit hours**

A course specifically designed to provide the graphic design major with the skill to use the computer in creating graphics for the print industry. The work in this course is done on both the Macintosh and Intel PC platforms. (Class contact for lecture and studio—6 hours.)

Prerequisite: Art 218.

Course fee: \$40.

**ART 450**  
**Computer Graphics (DTV)**  
**3 credit hours**

A course specifically designed to provide the graphic design major with the skill to use the computer to create graphics for on-screen presentations. The work in this course is done on both the Macintosh and Intel PC platforms. (Class contact for lecture and studio—6 hours.)

Prerequisite: Art 440.  
 Course fee: \$40.

**ART 452**  
**Directed Study**  
**1-3 credit hours**

Supervised study within a chosen discipline.

Prerequisite: Permission of instructor.

Lab fee: \$40 for directed study in ceramics, jewelry, photography, printmaking, and sculpture.

**ART 453**  
**Practicum Infield Study II**  
**10 credit hours**

Provides the senior graphic design student with the opportunity to work full time for an entire semester in a fully equipped, state-of-the-art graphics studio, producing art and design projects for an international media ministry.

Prerequisite: Art 353 and permission of the instructor.

**ART 456**  
**Secondary Art Methods and Evaluation**  
**3 credit hours**

The theory and processes of teaching art in the secondary school.

**ART 462**  
**Elementary Art Methods and Evaluation**  
**3 credit hours**

Theory and methods of teaching art in the elementary school. Presents specified projects for the elementary level.

**ART 499**  
**Senior Project**  
**3 credit hours**

A course with an emphasis on portfolio preparation and presentation.

Prerequisite: Permission of department.

## BIOMEDICAL ENGINEERING (BE)

**BE 310**  
**Biomedical Engineering Survey**  
**3 credit hours**

A survey course of the theory and principles of biosystems and biomedical instrumentation.

Prerequisites: EGR 221 and MAT 211.

Course fee: \$35.

**BE 450**  
**Special Topics**  
**3 credit hours**

Courses of current interest.

Prerequisite: Instructor's approval.

Course fee: \$35.

**BE 495**  
**Directed Study**  
**1-3 credit hours**

Directed study on problems of limited scope approved on an individual basis. May require written and/or oral presentation.

Prerequisites: Arrangement with professor and approval of department chair.

## BIBLICAL STUDIES (BIB)

**BIB 222**  
**Old Testament Introduction**  
**3 credit hours**

A general introduction to the various books of the Old Testament dealing with the problems of canon, authorship, composition, date of writing, and providing some background in the cultural, historical, geographical, and archaeological setting in which the Bible events occurred.

**BIB 251**  
**Biblical Greek I**  
**3 credit hours**

The beginning course in the study of Biblical Greek, emphasizing grammar and basic vocabulary.

**BIB 252**  
**Biblical Greek II**  
**3 credit hours**

A continuation of Biblical Greek I with an emphasis on reading the Greek text of the New Testament and identifying grammatical forms. This completes the student's preparation for basic Greek exegetical and hermeneutical study of the New Testament.

Prerequisite: BIB 251.

**BIB 261**  
**New Testament Introduction**  
**3 credit hours**

A general introduction to the various books of the New Testament with an emphasis on content and an examination of questions such as authorship, source, reliability, and canonicity.

**BIB 302**  
**Historical Geography of the Holy Land**  
**3 credit hours**

A study of the geography and history of Palestine since antiquity, especially in relation to the nation of Israel and the Early Church.

**BIB 306**  
**Hermeneutics: Principles of Biblical Interpretation**  
**3 credit hours**

A study of the problems and methods of Biblical interpretation, including the factors of presuppositions, historical context, grammatical relationships, vocabulary, figurative language, and genre.

**BIB 311**  
**Biblical Hebrew I**  
**3 credit hours**

A basic introduction to Biblical Hebrew. Introduces students to the fundamentals of Biblical Hebrew grammar, morphology, and syntax. Also emphasizes developing reading skills in the Biblical text.

**BIB 312**  
**Biblical Hebrew II**  
**3 credit hours**

A continuation of Biblical Hebrew I with an emphasis on reading the Hebrew text of the Old Testament and identifying grammatical forms. This completes the student's preparation for basic Hebrew exegetical and hermeneutical study of the Old Testament.

Prerequisite: BIB 311.

**BIB 319**  
**Hebrew Exegesis**  
**3 credit hours**

An exegetical study of selected Old Testament passages. Attention is given to sound exegetical method and to critical problems and hermeneutics of the passages. Also studies doctrinal significance.

Prerequisite: BIB 312.

**BIB 332**  
**Old Testament Historical Books**  
**3 credit hours**

A study of the two major histories in the Old Testament and ancient Israel in its historical and cultural milieu. Concentrates on the period from the monarchy to the conquest of Palestine by the Romans. Gives attention to the religious institutions, worship, and formative theological ideas.

Prerequisites: BIB 222, 306, and THE 217.

**BIB 346**  
**Luke-Acts**  
**3 credit hours**

A study of the Gospel of Luke and the Book of Acts. Covers the Lukan redactional emphasis as well as a review of the content. Also examines events on the life of Jesus in the Early Church and in the journeys of Paul.

Prerequisites: BIB 261, 306, and THE 217.

**BIB 351**  
**Greek Exegesis I**  
**3 credit hours**

An intermediate study of New Testament Greek to develop reading vocabulary and exegetical skills through intensive study of selected passages in the Greek New Testament. (May be repeated for credit.)

Prerequisite: BIB 252.

**BIB 352**  
**Greek Exegesis II**  
**3 credit hours**

Exegetical study of selected portions of the Greek New Testament, applying and developing exegetical skills and knowledge of the language and content of the New Testament writings. (May be repeated for credit.)

Prerequisite: BIB 351.

**BIB 362**  
**Jesus and the Gospels**  
**3 credit hours**

A study of the life and teachings of Jesus Christ, as presented in the Gospels and early Christian literature.

Prerequisites: BIB 261, 306, and THE 217.

**BIB 363**  
**Eschatology and the Book of Revelation**  
**3 credit hours**

A study of Old and New Testament Teachings on eschatology, including those aspects of the Kingdom of God already present and those yet to be fulfilled. Specific attention is given to concepts such as

Messiah, resurrection, tribulation, millennium, judgment, signs of the times, and Kingdom of God. (May be taken for either Old Testament or New Testament elective.)

Prerequisites: BIB 261, BIB 306, and THE 217.

**BIB 364**  
**The Pauline Epistles**  
**3 credit hours**

A study of the ministry and teachings of the Apostle Paul as recorded in the Pauline Epistles. The life setting of each letter is related to Paul's journeys described in the book of Acts. Special attention is given to the major theological themes of the epistles.

Prerequisites: BIB 261, 306, and THE 217.

**BIB 372**  
**Johannine Literature**  
**3 credit hours**

An exegetical study of the Gospel and Epistles of John. The study explicates the literary and theological themes related to these books. Investigates key historical issues, such as authorship, date, and community.

Prerequisites: BIB 261, 306, and THE 217.

**BIB 376**  
**Hebrews and General Epistles**  
**3 credit hours**

An analysis of Hebrews, James, I and II Peter, and Jude, as seen in the light of their original historical settings and their relevance for today.

Prerequisites: BIB 261, 306, and THE 217.

**BIB 421**  
**Pentateuch**  
**3 credit hours**

A study of the first five books of the Bible, treating historical beginnings, content of the covenant, and worship. Introduces the student to the cultural, geographical, and historical milieu of the Pentateuch.

Prerequisites: BIB 222, 306, and THE 217.

**BIB 424**  
**Hebrew Prophets**  
**3 credit hours**

A study of the major and minor prophets and their writings. An introduction to the origin and development of prophecy among the Hebrews, a study of the Hebrew prophets who lived and preached in the nations of Judah and Israel during the first millennium B.C., and an examination of the historical, social, and religious implications of their message.

Prerequisites: BIB 222, 306, and THE 217.

**BIB 437**  
**Psalms and Wisdom Literature**  
**3 credit hours**

A study of the wisdom books of the Old Testament (Job, Proverbs, and Ecclesiastes) and of the action books (Psalms, Song of Solomon, and Lamentations). Emphasizes Hebrew poetry and its relation to other ancient literature, including Ecclesiasticus and Wisdom of Solomon.

Prerequisites: BIB 222, 306, and THE 217.

**BIB 438**  
**Intertestamental Literature**  
**3 credit hours**

A historical study of the intertestamental period with emphasis on readings from the literature of this period such as the apocrypha, pseudepigrapha, and the Dead Sea Scrolls. (May be taken for either Old Testament or

New Testament elective.)

Prerequisites: BIB 222 and 261.

**BIB 455**  
**Intensive Studies**  
**3 credit hours**

Specialized program of research and development of knowledge and skills in the area of Biblical studies.

Prerequisites: BIB 222, 306, and THE 217.

**BIB 457**  
**Honors Assistant Practicum**  
**3 credit hours**

A practicum in which the student works one-on-one with an ORU teacher to improve skills in course preparation and administration, time management, tutoring, and communication. The student has opportunities to become involved with professional teaching and/or research on the baccalaureate level in Biblical literature, theology, and church ministries.

**BIB 499**  
**Senior Paper**  
**3 credit hours**

Designed research and writing project for seniors studying under the personal guidance of a professor, with each doing specialized research in Biblical literature.

## BIOLOGY (BIO)

**BIO 101**  
**Principles of Biology Lecture**  
**3 credit hours**

A study of the main principles of life common to both plants and animals, including scientific methods, levels of organization, cell structure and function, photosynthesis, respiration, molecular and Mendelian genetics, reproduction, development, evolution, classification, behavior and ecology, and their appropriate applications for solving current biological problems. (Open to biology majors by permission. BIO 101 and BIO 111 may not both be taken for credit.)

Corequisite: BIO 101 Lab.

**BIO 101**  
**Principles of Biology Laboratory**  
**1 credit hour**

Lab exercises, experiments, and audiovisual presentations involving cells, respiration, photosynthesis, classical and molecular genetics, protein synthesis, enzyme action, reproduction, development, behavior, and ecology.

Corequisite: BIO 101 Lecture.

Lab fee: \$25.

**BIO 111**  
**Introductory Biology I Lecture**  
**3 credit hours**

An introduction to the study of general biology covering the scientific method, levels of organization, the cell, photosynthesis, respiration, classical and molecular genetics, and vertebrate biology. (Designed for biology majors and minors. BIO 101 and BIO 111 may not both be taken for credit.) (Honors sections are available for this course.)

Corequisite: BIO 111 Lab.

**BIO 111**  
**Introductory Biology I Laboratory**  
**1 credit hour**

A course designed to complement and supplement BIO 111 Lecture. Student learns by handling glassware,

chemicals, organisms, and equipment; by observing, forming hypotheses, conducting experiments, analyzing data, and making conclusions; and by working in a more individualized atmosphere than is possible in the classroom. Includes dissection of a fetal pig. (Honors sections are available for this course.)

Corequisite: BIO 111 Lecture.

Lab fee: \$25.

**BIO 112**  
**Introductory Biology II Lecture**  
**3 credit hours**

An introduction to the taxonomy and characteristic structural and functional attributes of plants, invertebrates, and vertebrates. Includes evolution, ecology, and behavior. (Honors sections are available for this course.)

Prerequisite: One semester of biology.

Corequisite: BIO 112 Lab.

**BIO 112**  
**Introductory Biology II Laboratory**  
**1 credit hour**

One 3-hour lab session each week devoted to the comparison, manipulation, identification, and dissection of selected specimens representative of different plant or animal groups. (Honors sections are available for this course.)

Corequisite: BIO 112 Lecture.

Lab fee: \$25.

**BIO 200**  
**Human Cadaver Dissection**  
**1 credit hour**

An introductory laboratory course that presents the techniques and skills necessary to study the structure of the human organism. Models and cadavers are used for the dissection and study of the skeletal, muscular, cardiovascular, urinary, respiratory, endocrine, nervous, reproductive, gastrointestinal, and lymphatic systems (Meets for one 3-hour lab per week. Does not count toward a major in biology.)

Prerequisite: 3.0 GPA, declared major with pre-med concentration, and permission of instructor.

Lab fee: \$50.

**BIO 310**  
**Microbiology Lecture**  
**3 credit hours**

A study of the classification, cultivation, physiology, growth, morphology, pathogenicity, and economic importance of micro-organisms, with emphasis on the bacteria.

Prerequisites: One semester each of general biology and chemistry, both with labs.

Corequisite: BIO 310 Lab.

**BIO 310**  
**Microbiology Laboratory**  
**1 credit hour**

An introduction to microbiology lab techniques including isolation, cultivation, characterization, and identification of micro-organisms. (Two 2-hour lab periods per week.)

Corequisite: BIO 310 Lecture.

Lab fee: \$35.

**BIO 311**  
**Genetics Lecture**  
**3 credit hours**

A study of the mechanisms of heredity, variation, mutation, and speciation, with emphasis at the population level.

Prerequisite: One semester of biology required; statistics recommended.

Corequisite: BIO 311 Lab.

**BIO 311**  
**Genetics Laboratory**  
**1 credit hour**

An opportunity to make crosses using *Drosophila* and other organisms, analyze data, and form conclusions. Other experiments demonstrate and complement the information being taught in the lecture portion.

Prerequisites: One year each of general chemistry and introductory biology, both with labs.

Corequisite: BIO 311 Lecture.

Lab fee: \$35.

**BIO 312**  
**Ecology Lecture**  
**3 credit hours**

A study of the interrelationships of plants and animals (including humans) with their environments. Topics include the ecosystems concept, biogeochemical cycles, energy flow, environmental factors, behavior, populations, communities, major ecosystems of the world, and Christian earthkeeping.

Prerequisites: One year each of general chemistry and introductory biology (with lab).

Corequisite: BIO 312 Lab.

**BIO 312**  
**Ecology Laboratory**  
**1 credit hour**

Field and lab investigations of both terrestrial and aquatic ecosystems on a quantitative basis. (One 4-hour lab period per week.)

Corequisite: BIO 312 Lecture.

Lab fee: \$35.

**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 371**  
**Introduction to Biological Research I**  
**1 credit hour**

A course designed to introduce junior biology majors to scientific research. Introduces students to the nature of science and its methods and teaches the distinction between a "library" and "experimental" research project. Students then select a research topic, a research director, and an advisor for the senior research project.

**BIO 372**  
**Introduction to Biological Research II**  
**1 credit hour**

A continuation of BIO 371. Intended to provide junior biology majors with the information and incentive to continue their undergraduate research projects. (Two other courses, BIO 499 and 451, are designed and scheduled for successful completion of the undergraduate research experience.)

Prerequisite: BIO 371.

**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: One year each of general biology and general chemistry, all with labs.

Corequisite: BIO 411 Lab.

**BIO 411**  
**Molecular Cell Biology Laboratory**  
**1 credit hour**

Introduction to modern techniques frequently used in the study of molecular biology. Lab techniques studied include native gel electrophoresis, protein fingerprinting, peptide mapping, SDS-PAGE, Western blotting, restriction digestion of plasmid DNA, cell fractionation and subcellular organelle isolation, DNA extraction, and DNA gel electrophoresis.

Corequisite: BIO 411 Lecture.

Lab fee: \$35.

**BIO 421**  
**General and Comparative Physiology Lecture**  
**3 credit hours**

A study of the basic functional principles and their diversity of expression in living systems of plants and animals on the organismal level. The functions considered in the course include permeability, irritability, transport, nutrition, and coordination.

Prerequisites: One year each of general biology and general chemistry, both with labs.

Corequisite: BIO 421 Lab.

**BIO 421**  
**General and Comparative Physiology Laboratory**  
**1 credit hour**

A demonstration using living organisms and determining how internal and external conditions affect body functions of the organism. (One 3-hour lab per week.)

Corequisite: BIO 421 Lecture.

Lab fee: \$35.

**BIO 429**  
**Secondary Methods: Science**  
**3 credit hours**

A course designed to prepare science education students with ideas and practical knowledge for the classroom. Focuses on materials and methods of teaching biology, chemistry, physics, and physical science. (Crosslisted with CHE 429 and PHY 429.)

**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.

Corequisite: BIO 431 Lab.

**BIO 431**  
**Developmental Biology Laboratory**  
**1 credit hour**

One 3-hour lab session per week with equal emphasis and time given to the study of prepared microscope

slides and experimental manipulation of living, developing chickens, frogs, and sea urchins.

Corequisite: BIO 431 Lecture.

Lab fee: \$35.

**BIO 451**  
**Biology Seminar**  
**1 credit hour**

Student presentations and interaction. Includes how to plan, prepare, and present a seminar. May be a topical seminar.

Prerequisites: Biology major and senior standing.

**BIO 454**  
**Special Topics**  
**1-4 credit hours**

Selected topics in biology not covered in the core curriculum. A course designed for use by one student or groups under the guidance of a faculty member to study selected topics in biology that are not available by title in the catalog. (May be repeated once for credit if subject matter is different.)

Prerequisite: Junior or senior biology majors or by consent of department chair and instructor.

Lab fee: \$35.

**BIO 456**  
**Bioethics**  
**2 credit hours**

A capstone course for junior and senior biology students. Deals with ethical aspects of current biological technologies and issues such as creation-evolution, genetic engineering, biomedical issues, human population control, and environmental ethics, from a Christian perspective.

Prerequisite: 16 hours of biology.

**BIO 457**  
**Principles of Immunology Lecture**  
**3 credit hours**

A study of the basic biological concepts of immunology, which are fundamental to the participation in modern medicine, whether it be as a nurse, medical technologist, or physician. Presents immunology, a biological science, from the viewpoints of developmental biology, molecular biology, genetics, biochemistry, microbiology, anatomy, and medicine.

Prerequisites: BIO 310 lecture and lab and CHE 211 with a grade of "C" or better, junior standing, and permission from the instructor.

Corequisite or prerequisite: CHE 457.

**BIO 457**  
**Principles of Immunology Laboratory**  
**1 credit hour**

Designed to allow students the opportunity to utilize the theories and concepts of immunology in practical, experimental projects. Emphasizes techniques involving serial dilutions, precipitation and agglutination reactions, nitrocellulose and gel electrophoresis, gel diffusion, isolation and identification of B-lymphocytes and T-lymphocytes, immunoaffinity-based procedures and practice problem solving.

Prerequisites: A grade of "C" or better in BIO 310 lecture and lab or BIO 411 lecture and lab.

Corequisite: BIO 457 Lecture.

Lab fee: \$35.

**BIO 458**  
**Marine Ecology Lecture**  
**3 credit hours**

A course designed to familiarize the student with the

physical, chemical, and biological factors of marine environments. Emphasis is on ecology. (Open to both science and non-science majors meeting the prerequisites.)

Prerequisites: BIO 101 lecture and lab; BIO 111 lecture and lab.

Corequisite: BIO 458 lab is strongly recommended.

**BIO 458**  
**Marine Ecology Laboratory**  
**1 credit hour**

Designed to train students to apply many of the principles learned in the BIO 458 lecture to the marine environment. The lab occurs primarily during the spring break trip to Cozumel or Florida.

Prerequisites: BIO 101 lecture and lab or BIO 111 lecture and lab.

Corequisite: BIO 458 Lecture.

Lab fee: \$50.

**BIO 459**  
**Scientific Terminology**  
**1 credit hour**

Concentrates on Greek and Latin word roots, prefixes, and suffixes commonly used in biology, medicine, dentistry, psychology, and everyday activities.

Prerequisite: Upper-division standing.

**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.

Lab fee: \$35.

Prerequisites: Bio 371, 372, and senior status.

## BIBLICAL LITERATURE (BLIT)

**BLIT 110**  
**Survey of Old Testament Literature**  
**3 credit hours**

A historical-thematic survey of the Old Testament. Gives special attention to the content of the Old Testament, with emphasis on the cultural, historical, and geographical background to the text and to the practical application of major Old Testament themes. Requires students to read through the Old Testament. (This course fulfills the general education requirement in Old Testament for non-theology majors. Honors sections are available for this course.)

**BLIT 120**  
**Survey of New Testament Literature**  
**3 credit hours**

A historical-thematic survey of the New Testament. Gives special attention to the content of the New Testament, with emphasis on the cultural, historical, and geographical background to the text and to the practical application of major New Testament themes. Requires students to read through the New Testament. (This course fulfills the general education requirement in New Testament for non-theology majors. Honors sections are available for this course.)

## BUSINESS (BUS)

**BUS 099**  
**Business Seminar**  
**0 credit hours**

Selected topics such as organizational behavior, human relations development, marketing, management, finance, accounting, computer applications, and international relations. (Undergraduate students in the School of Business need to take two of these seminars during their junior and senior years.) (Pass/fail only.)

**BUS 201**  
**Principles of Economics I**  
**(Macroeconomics)**  
**3 credit hours**

An overview of basic economic concepts and institutions. Modern national income formation theory; economic fluctuations, money, banking, monetary and fiscal policy; economic stabilization theory and policy; the public sector, aggregate demand, aggregate supply, Keynesian Theory, monetary theory; theory of economic growth and development; and comparative economic systems.

**BUS 202**  
**Principles of Economics II**  
**(Microeconomics)**  
**3 credit hours**

Theory of markets, price mechanism, production, distribution, and resource allocation; application of marginal analysis and equilibrium theory to the price and output decisions of the individual firm in pure competition, monopolistic competition, oligopoly, and monopoly; agriculture; labor, rent, interest, and profit theory; international trade; the economics of change.  
Prerequisite: BUS 101.

**BUS 325**  
**Business Law I**  
**3 credit hours**

An introductory course of a two-semester study of law as it affects business and commerce in the United States. The scope and study include an overview of the development and function of law—jurisprudence and procedure—as well as the basic features of constitutional law, criminal law, torts, contracts, and property. Law is approached as a set of “enforceable rights.”  
Prerequisites: BUS 102 and senior standing.

**BUS 326**  
**Business Law II**  
**3 credit hours**

A continuation of BUS 325 with emphasis upon the Uniform Commercial Code, the Uniform Consumers Code, the Truth in Lending Act, and their effects on sales, commercial paper, creditor rights and secured transactions, consumer credit sales, consumer loans, disclosure statements, limitations on consumer liability, home solicitation sales, and consumer and creditor remedies. Also, the study of the law of agency, partnerships, special ventures, corporations, and real property.  
Prerequisites: BUS 325 and senior standing.

**BUS 361**  
**International Business**  
**3 credit hours**

An introduction to the opportunities and challenges of transacting commerce in a global market. Topics of discussion include culture, communication, economics, finances, legal and political considerations, missions, and social responsibility. Overview of major trading areas include Africa, Asia, Europe, North and South

America, the Middle East, and the Pacific Basin.

**BUS 450**  
**Special Topics in Business**  
**3 credit hours**

A course designed to facilitate the study of contemporary issues germane to conducting business in the global economy. Content includes extensive reading and class discussion surrounding text materials and articles from leading business periodicals. Guest speakers provide direction to the discovery process and validate the course content.

**BUS 451**  
**Business Administration Internship**  
**1-3 credit hours**

A special problem in the area of business administration for the student of special ability in lieu of a regular course. Upon receiving written approval from the instructor, the student may obtain an on-the-job apprenticeship for one semester to provide data for writing a formal paper. (Credit received is determined by the nature and scope of the project.)

Prerequisite: A business major.

**BUS 499**  
**Seminar and Senior Paper**  
**3 credit hours**

One of two capstone courses that must be taken by all ORU School of Business seniors. The course emphasizes application of principles taught in lower-level business courses. The course contains two distinct but integrated phases: the seminar phase, which uses textbook readings and class discussion to provide an overview of the field of small business management, and the project phase, in which groups of students form Small Business Institute teams that provide business consulting services to local small businesses.

Prerequisites: ACT 216, BUS 101, MGT 130, MKT 130, FIN 338, and senior standing.

## CHRISTIAN CARE AND COUNSELING (CCC)

**CCC 301**  
**Introduction to Christian Caregiving**  
**3 credit hours**

A study designed to examine the caring aspect of the Christian life from theoretical, theological, and practical perspectives. Implements the integration of the theoretical and theological perspectives with practical experiences and evaluation. (Offered only through SLL.E.)

**CCC 303**  
**Issues and Identity of the Caregiver**  
**3 credit hours**

A study of the ethics, values, and litigation that affect the counseling field and professionals in that field. Examines the role of the professional counselor. (Offered only through SLL.E.)

**CCC 321**  
**Christian Approaches to Counseling**  
**3 credit hours**

A study designed to acquaint students with the four basic paradigms of Christian counseling: insight-oriented, behavioral, cognitive, and faith healing. The philosophical assumptions and uses of specific techniques

with each are explored. (Offered only through SLLE.)

**CCC 324**  
**Foundations of Personality Development**  
**3 credit hours**

A study of the principal interpretations of personality development, description, dynamics, and determinants. (Offered only through SLLE.)  
 Prerequisite: PSY 201.

**CCC 332**  
**Lifespan Development**  
**3 credit hours**

A study of human behavior in the social environment and the effect that environmental and psychological variables have upon the development of humans from conception to death. Gives special attention to the development of behaviors, attitudes, and problems specific to different subcultural and age groups, including the elderly. (Offered only through SLLE.)

**CCC 339**  
**Developing Helping Skills**  
**3 credit hours**

A study of the major theoretical concepts of counseling psychology presented with practical applications of those concepts in terms of counseling strategies and techniques. Expects the student to formulate appropriate hypotheses concerning representative client problems and propose competent methodologies/strategies for addressing those problems. (Offered only through SLLE.)

**CCC 405**  
**Crisis Intervention**  
**3 credit hours**

A study to acquaint the student with the nature and dynamics of crisis situations. Places emphasis upon intervention principles and procedures in the context of situational crises. The approach includes the concept of training the laity for basic crisis intervention. (Offered only through SLLE.)

**CCC 411**  
**Practical Applications of Helping Skills**  
**3 credit hours**

A counseling practicum designed to provide students with an opportunity to become acquainted with the practice of counseling. Working in various settings, students interact with counseling professionals and become familiar with counseling as it is practiced within an agency. (Offered only through SLLE.)

**CCC 413**  
**Senior Practicum**  
**3 credit hours**

A practicum in a church counseling setting. Provides an opportunity to become acquainted with the practice of helping through Christian counseling. Students interact with professionals and learn about counseling as it is practiced within a church. (Offered only through SLLE.)

**CCC 426**  
**Assessment and Evaluation**  
**3 credit hours**

An introductory course for counselors. Its objective is to promote knowledge of and skills in assessment and evaluation. (Offered only through SLLE.)

**CCC 429**  
**Substance Abuse**  
**3 credit hours**

Presents the theological, ethical, moral, and practical considerations important in counseling those who are chemically dependent. (Offered only through SLLE.)

**CCC 430**  
**Special Issues in Counseling**  
**3 credit hours**

The study of contemporary problems, trends, or innovative developments in Christian counseling. (Offered only through SLLE.)

## CHEMISTRY (CHE)

**CHE 101**  
**Principles of Chemistry Lecture**  
**3 credit hours**

An introductory course requiring no prior background in chemistry. Emphasizes applying chemical principles to everyday situations and acquaints the student with the periodic table and chemical nomenclature.  
 Corequisite: CHE 101 Lab.

**CHE 101**  
**Principles of Chemistry Laboratory**  
**1 credit hour**

A lab experience that provides the student with an opportunity to apply the scientific method focusing on the relationship of chemistry to daily life. (One hour recitation per week immediately followed by a 3-hour lab. Writing-intensive sections are available.)  
 Corequisite: CHE 101 Lecture.  
 Lab fee: \$35.

**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 or permission based on placement test.  
 Corequisite: CHE 111 Lab.

**CHE 111**  
**General Chemistry I Laboratory**  
**1 credit hour**

A laboratory study of the properties of elements and simple covalent and inorganic materials. Measures physical and chemical properties. Experiments are conducted in stoichiometry, gas laws, atomic line spectra, replacement reactions, and others. (One hour recitation per week immediately followed by a 3-hour lab.)  
 Prerequisite: One year of high school chemistry or permission based on placement test.  
 Corequisite: CHE 111 Lecture.  
 Lab fee: \$35.

**CHE 112**  
**General Chemistry II Lecture**  
**3 credit hours**

Continues the basic study of the physical and chemical properties of matter. Topics include thermodynamics, kinetics, equilibria, colligative properties, and electrochemistry.  
 Prerequisites: CHE 111 Lecture and Lab.  
 Corequisite: CHE 112 Lab.

**CHE 112**  
**General Chemistry II Laboratory**  
**1 credit hour**

Provides an opportunity to correlate the physical and chemical properties of different substances with concepts examined in the lecture. Experiments are conducted in kinetics, calorimetry, electrochemistry, and solutions. (One hour recitation per week immediately followed by a 3-hour lab.) (Honors sections are available for this course.)  
 Prerequisites: CHE 111 Lecture and Lab.  
 Corequisite: CHE 112 Lecture.  
 Lab fee: \$35.

**CHE 211**  
**Organic Chemistry I Lecture**  
**3 credit hours**

An introduction to organic structures and reactions. Course includes a review of general chemistry, alkanes, alkenes, alkynes, alcohols, and polymers.  
 Prerequisites: CHE 112 Lecture and Lab.  
 Corequisite: CHE 211 Lab.

**CHE 211**  
**Organic Chemistry I Laboratory**  
**1 credit hour**

An introduction to methods of synthesis and analysis of pertinent organic reaction types. Project sessions give the student adequate training in the use of organic lab techniques and report writing. (One hour recitation per week immediately followed by a 3-hour lab.)  
 Prerequisites: CHE 112 Lecture and Lab.  
 Corequisite: CHE 211 Lecture.  
 Lab fee: \$35.

**CHE 212**  
**Organic Chemistry II Lecture**  
**3 credit hours**

A treatment of organic reactions and mechanisms as applied to synthesis. Gives special emphasis to spectroscopic methods of molecular structural identification. Emphasizes the major functional groups and arene chemistry.  
 Prerequisites: CHE 211 Lecture and Lab.  
 Corequisite: CHE 212 Lab.

**CHE 212**  
**Organic Chemistry II Laboratory**  
**1 credit hour**

Emphasizes the analysis of unknown organic mixtures. These mixtures are representative of the major functional group differences. Uses various spectroscopic instrumental methods in the analysis, (NMR, IR, UV, and mass spectrometry). (One hour recitation per week immediately followed by a 3-hour lab.)  
 Prerequisites: CHE 211 Lecture and Lab.  
 Corequisite: CHE 212 Lecture.  
 Lab fee: \$35.

**CHE 300**  
**Quantitative Analysis Lecture**  
**2 credit hours**

A study of inorganic and organic analyses based on chemical equilibrium as applied to chromatography, solubility, titrimetry, spectrophotometry, and electrochemistry.  
 Prerequisites: CHE 112 Lecture and Lab.  
 Corequisite: CHE 300 Lab.

**CHE 300**  
**Quantitative Analysis Laboratory**  
**2 credit hours**

An examination of quantitative methods of analysis of

inorganic, organic, and biological samples. Integrates modern instrumentation (ultraviolet-visible spectrophotometry, potentiometric titration, and liquid chromatography) into the analyses. (Two 3-hour labs per week.) Prerequisites: CHE 112 Lecture and Lab. Corequisite: CHE 300 Lecture. Lab fee: \$35.

**CHE 303  
Physical Chemistry I Lecture  
3 credit hours**

The mathematical modeling of chemical systems, including derivations and limitations of equations. Systems studied include gases, kinetics, and thermodynamics of chemical reactions and equilibrium. Prerequisites: CHE 212 Lecture and Lab and MAT 201. Corequisite: CHE 303 Lab.

**CHE 303  
Physical Chemistry I Laboratory  
1 credit hour**

Lab sessions in computer modeling of physical systems as well as a study of physical characteristics of molecules with IR, NMR, and UV spectroscopy emphasized. (One 3-hour lab per week.) Prerequisites: CHE 212 Lecture and Lab, and MAT 201. Corequisite: CHE 303 Lecture. Lab fee: \$35.

**CHE 304  
Physical Chemistry II  
3 credit hours**

An in-depth study of the thermodynamics and kinetics of chemical reactions with an emphasis on current tools of research employed in understanding reaction mechanisms and physical characteristics of molecules. Prerequisites: CHE 303 Lecture and Lab.

**CHE 400  
Chemical Instrumentation Lecture  
2 credit hours**

The practical and theoretical investigation of principles, operating parameters, and applications of instruments used for chemical analysis. Gives special attention to electrochemistry and spectroscopy. Prerequisites: CHE 300 Lecture and Lab. Corequisite: CHE 400 Lab.

**CHE 400  
Chemical Instrumentation  
Laboratory  
2 credit hours**

Emphasis on projects that elucidate the lecture material along with pertinent electronics experiments. Most of the experiments are in spectroscopy, electrochemistry, radiochemistry, thermal analytical methods, and special topics. (Two 3-hour labs per week.) Prerequisites: CHE 300 Lecture and Lab. Corequisite: CHE 400 Lecture. Lab fee: \$35.

**CHE 429  
Secondary Methods: Science  
3 credit hours**

A course designed to prepare science education students with ideas and practical knowledge for the classroom. Focuses on materials and methods of teaching biology, chemistry, physics, and physical science. (Crosslisted with BIO 429 and PHY 429.)

**CHE 449  
Chemistry Research Laboratory  
1 credit hour**

A coverage of the scientific method, problem selection,

and proposal writing. Students begin their project bibliography and write a project proposal. (One hour recitation per week immediately followed by a 3-hour lab.) Prerequisites: CHE 212 Lecture and Lab; CHE 400 Lecture and Lab. Lab fee: \$35.

**CHE 452  
Seminar  
1 credit hour**

Introduction to research methods and the chemical literature. Students give a formal presentation of the results of their project. Prerequisite: CHE 499.

**CHE 454  
Recombinant DNA Technology  
3 credit hours**

A study of the structural, chemical, and physical characteristics of DNA and protein synthesis. Discusses molecular biology of the gene and the cell along with the recent advancement of recombinant DNA technology. Prerequisites: CHE 212 Lecture and Lab.

**CHE 455  
Oncological Chemistry  
3 credit hours**

Topics discussed include the causes of cancer, the chemistry of approved anti-cancer drugs, mechanisms of interaction with the body, side effects, classification of drugs, and carcinogens in the environment. Prerequisites: CHE 212 Lecture and Lab; one year of biology.

**CHE 456  
Inorganic Chemistry  
3 credit hours**

Examines bonding, structure, and reactions of coordination complexes. Discusses acid-base theories, homogeneous catalysis, and heterogeneous catalysis. Prerequisite: CHE 212 Lecture and Lab.

**CHE 457  
Biochemistry  
4 credit hours**

A study of enzyme behavior, intermediate metabolism, and the chemistry of carbohydrates, fats, proteins, nucleic acids, and vitamins. (The course is an excellent preparation for the medical admissions test.) Prerequisite: CHE 212 Lecture and Lab.

**CHE 458  
Chemistry Internship  
1-4 credit hours**

Student involvement in an industrial or academic internship that is approved, planned, and documented. Prerequisite: CHE 400 Lecture and Lab.

**CHE 471  
Structure and Bonding  
3 credit hours**

A study of the fundamental basis of all chemistry—the chemical bond and molecular structure. Places emphasis on developing a modern understanding of bonding and modeling theories. Gives the student practical experience in using current molecular modeling software and its application towards solving problems of modern chemical, medical, and biochemical research and practice.

Prerequisite: CHE 303 Lecture.

**CHE 473  
Synthesis  
3 credit hours**

Emphasis on organic reactions and reaction mechanisms, selected heterocyclic chemistry, polymer chemistry, nucleic acid chemistry, chemistry of pesticides, drugs of use and abuse, biogenic amines, biosynthesis, and relevant mechanistic concepts. Prerequisites: CHE 212 Lecture and Lab.

**CHE 474  
Environmental Analysis  
3 credit hours**

Focuses on acids, bases, and chemical equilibria pertaining to the chemistry of the environment and modern methods of analysis. Prerequisite: CHE 212 Lecture and Lab.

**CHE 499  
Individual Research and Senior  
Paper  
3 credit hours**

Directed individual study in research and writing required for the senior paper. Prerequisite: Student must be a senior chemistry or biomedical chemistry major; CHE 400 Lecture and Lab; CHE 449. Lab fee: \$35.

## CHURCH MINISTRIES (CHRM)

**CHRM 203  
Foundational Approaches to  
Pastoral Care  
3 credit hours**

Examines leading theories of human behavior and accompanying intervention strategies for change and growth. Study includes assessment of each theory's suitability/adaptability for use in Christian ministry. Prerequisite: PSY 201.

**CHRM 300  
History and Philosophy of Christian  
Education  
3 credit hours**

A study of the historical development of Christian education from its Biblical beginnings to the present. Presents the emerging philosophies of education in order to aid the student in developing a personal philosophy of education.

**CHRM 302  
Christian Leadership  
3 credit hours**

Provides the student with an understanding of the nature of Christian leadership and how to develop as a leader called to serve the body of Christ. Designed to help students discover how they are to live their lives in such a way that they become the Gospel in every person's world. A guided self-study into one's calling. Includes discussion of what it means to be called and what is Jesus' model of leadership as well as other Biblical and modern models of leadership.

**CHRM 303  
Curriculum of Christian Education  
3 credit hours**

A study of curriculum theory and principles involving the student in the preparation, evaluation, and selection

of instructional materials for the educational ministries of the church. Includes the church's total planning, curricular and extracurricular, and the utilization of resources for the healthy growth of the whole person.

**CHRM 304**  
**Educational Ministries of the Church**  
**3 credit hours**

A study of the basic principles and practices of organizing, administering, and supervising a balanced program of Bible teaching ministries in the local church. Surveys all of the educational agencies for the various age levels, particularly the Sunday school.

**CHRM 305**  
**Teaching the Bible**  
**3 credit hours**

Practical exploration of the teaching/learning process as a foundation for Bible study and teaching all age levels in the church. Studies and demonstrates learning/teaching theory and process, objectives, lesson planning, and methodologies.

Prerequisites: BIB 222, 261, and 306.

**CHRM 306**  
**Pastoral Ministry Skills**  
**3 credit hours**

Training provided in the basic attending skills necessary for lay counseling and pastoral care.

Prerequisite: CHRM 203.

**CHRM 307**  
**Missions Among the Poor**  
**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.

**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 individuals who find themselves in the throes of the physical, social, educational, and faith development issues. This course recognizes that youth ministry is cross-cultural and considers ways to meet adolescents where they are in the ever-changing milieu of 21st-century life. This course endeavors to consider and discover new ways to equip adolescents to live as fully functional Christian adults.

**CHRM 313**  
**Prayer Ministry of the Caregiver**  
**3 credit hours**

Study of the purpose of prayer and of the Biblical and traditional patterns of prayer useful in applied pastoral care giving and in the development of the caregiver's personal spiritual life.

**CHRM 314**  
**Spiritual Formation in Pastoral Care**  
**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. (Only for students not majoring in pastoral care.)

Prerequisite: CHRM 306.

**CHRM 315**  
**Pastoral Care**  
**3 credit hours**

Acquaints students with philosophy, methods, and resources suitable for those in professional or lay ministry, equipping students for application of knowledge and skills to a broad range of pastoral settings.

**CHRM 316**  
**Outdoor Adventure and Camping in Youth Ministry**  
**3 credit hours**

Introduces students to the importance of problem solving and team building in youth ministry. Involves interactive games, retreats, camping, the ropes course, and other incarnational ministry experiences. This is a "how to" course. May obtain certification as a ropes course instructor with an additional lab fee.

**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.

**CHRM 333**  
**Spiritual Warfare and the Practices of Ministry**  
**3 credit hours**

Studies the war that the Bible makes extremely clear that the Church of Jesus Christ is involved in. The Old Testament is full of stories of warfare. This is but a type of the activities in the spirit realm today. Encourages students to view the spiritual conflict as part of daily life.

**CHRM 335**  
**Introduction to Evangelism**  
**3 credit hours**

Explores the Biblical, theological, ethical, and sociological foundations and implications of the Great Commission. Introduction to several presentations of the Gospel while challenging students to formulate their own Gospel presentation fit for a variety of cultural settings. Encourages students to be aware of the philosophical presuppositions that influence their personal proclamation and living out the Gospel.

**CHRM 340**  
**Sermon Preparation and Preaching**  
**3 credit hours**

A study of the fundamentals of preaching. Gives attention to the Biblical perspectives of preaching and the principles of sermon construction, as well as to the delivery of the sermon.

Prerequisites: BIB 222, 261, 306, and THE 217, 313, or 461.

**CHRM 360**  
**Biblical Foundations of Worship and Prophetic Leadership**  
**2-3 credit hours**

Provides a Biblical, theological, and practical examination of worship and prophetic leadership in the ministry of the Church. Provides practical, contemporary demonstration of this Biblical concept, which was

demonstrated in Old Testament Hebrew worship, the life of Christ and the New Testament church, by exposing students to the practices and concepts of worship in the context of the prophetic anointing.

**CHRM 398**  
**Ministry Practicum**  
**3 credit hours**

Supervised ministry in a local church or other ministry setting under the auspices of an assigned mentor. The supervised activities are ministries in the areas of the student's gifts and call as well as those meeting church needs.

**CHRM 399**  
**Signs and Wonders**  
**3 credit hours**

Provides a Biblical, theological, and practical examination of signs, wonders, and miracles in the ministry of the Church. The course provides practical, contemporary demonstrations of these Biblical concepts, which were demonstrated in the life of Christ and the Book of Acts. Exposes students to leaders in the Body of Christ who exercise signs and wonders in their ministries.

**CHRM 402**  
**Discipleship and Small Groups**  
**3 credit hours**

A study of how to develop and direct discipleship and small group programs within the church. Includes small group principles, dynamics, and problems. Also considers the way to develop Christian disciples and gives practical guidelines for implementing discipleship in the church.

**CHRM 422**  
**Advanced Seminar in Pastoral Care**  
**3 credit hours**

Assists students in intentional growth in ministry, expanding their knowledge, experience, and vision. Students must have had academic exposure to helping skills and approaches and their uses in varied ministry settings.

Prerequisites: CHRM 203, 306, and 315; permission of instructor.

**CHRM 430**  
**Evangelism and the Local Church**  
**3 credit hours**

Focuses on the practice of evangelism in the local church, exploring what it means for the church to be in missions to the unchurched.

Prerequisite: CHRM 335.

**CHRM 431**  
**Mass Media Evangelism**  
**3 credit hours**

Familiarizes the students with all types of communication media and explores their use in communicating the Gospel. Students critique various media presentations of the Gospel and formulate their own model for the future.

Prerequisite: CHRM 335.

**CHRM 440**  
**Advanced Preaching**  
**3 credit hours**

Develops advanced skills in the art of sermon writing and preaching. Students work in the preaching lab, developing homiletical skills through experiencing and critiquing the sermons of other students.

Prerequisite: CHRM 340.

**CHRM 453**  
**Pastoral Care of Families with Youth**  
**3 credit hours**

Discusses how to help families with adolescents. Addresses the family system, the characteristics of the "at risk" adolescent, and ways to guide adolescents and their families as they face such topics as divorce, sexuality, unplanned pregnancy, chemical abuse, boundaries, parental roles, single parenting, sibling relationships, respect, independence, career planning, and goal setting.  
 Prerequisite: CHRM 317.

**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.

## COMPUTER ENGINEERING (CMPE)

**CMPE 312**  
**Computer Networks and Communications**  
**3 credit hours**

An introduction to the growing areas of computer networks and communications. Topics include ISDN,

LANs, fiber optics, and bridges with a detailed study of OSI protocols.  
 Prerequisite: Senior standing in CMPE.  
 Course fee: \$35.

**CMPE 340**  
**Digital Systems Design Lecture**  
**3 credit hours**

Design of combinational and sequential logic circuits. Design of practical digital circuits using PAL, PLA and FPGA. Application of VHDL in design.  
 Corequisite: CMPE 340 Lab.

**CMPE 340**  
**Digital Systems Design Laboratory**  
**1 credit hour**

Analysis and design of combinational and sequential digital systems. Computer simulation of digital circuits. Digital breadboarding debugging techniques, and application of software tools in design.  
 Corequisite: CMPE 340 Lecture.  
 Lab fee: \$35.

**CMPE 441**  
**Microprocessor Systems Design**  
**3 credit hours**

Introduction to Intel-8085 microprocessor, its architecture, instructions, and assembly-level language programming techniques. Interfaces Intel-8085 with peripheral devices, study, and use of Intel-8085 cross-assembler and simulator. Incorporates lab experience in the course.  
 Prerequisites: CMPE 340 Lecture and Lab; CSC 331.  
 Course fee: \$35.

**CMPE 443**  
**Computer Architecture**  
**3 credit hours**

Study and application of Motorola-68340 microprocessor. Interfaces Motorola-68340 with A/D and D/A converters. Covers advanced architectural features, pipelining, virtual memory, and cache memory.  
 Prerequisite: CMPE 441.  
 Course fee: \$35.

**CMPE 450**  
**Special Topics**  
**3 credit hours**

Courses of special interest. Topics vary.  
 Course fee: \$35.

**CMPE 495**  
**Directed Study**  
**1-3 credit hours**

Directed study of problems of limited scope approved on an individual basis. May require written and/or oral presentation.  
 Prerequisites: Arrangement with professor and approval of department chair.

## COMMUNICATION ARTS (COM)

**COM 101**  
**Oral Communication**  
**3 credit hours**

An investigation of basic principles of communication and their application to intrapersonal, interpersonal, small group, and public communication. (Honors sections are available for this course.)  
 Course fee: \$5.

**COM 102**  
**Voice, Diction, and Phonetics**  
**3 credit hours**

The study of voice production and phonetics. Topics include the purpose of vocal production, the characteristics of good speech, the identification, evaluation, and correction of improper speech techniques, and the individual analysis of and drill to correct inadequacies of vocal production and vocal variety. Involves exercises and activities to correct specific vocal problems, learning the International Phonetic Alphabet (IPA) to enable precise and improved articulation, and classroom transcription activities using IPA, combined with the phonetic analysis of each sound and the study of pronunciation standards.

**COM 105**  
**Drama/Television/Film Performance Seminar**  
**0-5 credit hours**

A seminar including pertinent subjects, guest speakers from the entertainment industry, demonstrations, exercises, field trips, and experiences that are outside the scope of the other drama courses offered at ORU.

**COM 107**  
**Film Acting Technique**  
**3 credit hours**

An acting experience organized as a single-camera acting workshop. Provides the students opportunity to study single camera techniques, the studio rehearsal, and filming the scene. The students gain experience by rehearsing and acting in scenes that are videotaped.

**COM 150**  
**Drama in the Church**  
**1 credit hour**

An overview surveying current trends utilizing dramatic elements in a church setting. Includes a study of quality sketches, plays, creative dramatics, exercises, and interactive theatre. Discusses using drama in all facets of the church community.

**COM 202**  
**Oral Interpretation of Literature**  
**3 credit hours**

Analysis of prose, poetry, and drama for emotional and intellectual meaning, with reference to the author's background, philosophy, and intent. Application of the principles of oral presentation to the interpretation and recreation of that meaning for various audiences.

**COM 203**  
**Interpersonal Communication**  
**3 credit hours**

A study of the theory and practice of communication skills in at least three areas: functional intelligence, social decision-making, and self-expression. Encourages a Biblical whole-life approach to communication, acknowledging the integration of body, mind, and spirit into the interpersonal experience. Gives special attention to the application of theory to life situations.  
 Prerequisite: COM 101.

**COM 205**  
**Fundamentals of Acting**  
**3 credit hours**

Provides basic techniques and approaches to the art of acting. Covers the fundamentals of stage terminology, stage movement, and improvisation.

**COM 215**  
**Introduction to Theatre**  
**3 credit hours**

A study of the various elements and functions of theatre

in society. Focuses on becoming an intelligent artistic critic and evaluating art from a Christian perspective. Provides the student with an overall introduction to the theatre arts. Includes theatre as an art form, the basic elements of a play, the role of the critic, the audience, the scene designer, the director, the customer, and the director. Places special emphasis on developing evaluative skills while watching theatre.

**COM 216**  
**Introduction to Technical Production**  
**3 credit hours**

Fundamentals of scenery construction with instruction and practice in stagecraft and lighting coordinated with University theatre productions.  
 Course fee: \$20.

**COM 232**  
**Acting Styles**  
**3 credit hours**

An advanced course requiring no background in styles of acting. Covers the history, background, and various acting styles of period dramas from the Greeks through the Comedy of Manners. Students rehearse and perform the various scenes in class.

**COM 250**  
**Forensics**  
**1 credit hour**

Focuses on teaching the students presentation skills in readers' theatre and prose and poetry reading. Includes presentations of literature that do not depend on costumes, sets, and extensive special effects in sound and lighting.  
 Prerequisite: COM 101.

**COM 260**  
**Debate and Tournament Directing**  
**2 credit hours**

Designed to teach communication education majors how to teach forensics and organize a school forensics squad. Provides training and participation in campus and intercollegiate communication activities. Focuses on teaching students presentation skills covered in forensic competition, such as prose reading, poetry reading, oratory, extemporaneous speaking, dramatic duo, communication analysis, dramatic and humorous presentations, and readers' theatre. Experiences range from individual speaking and debate activities to managing tournaments and developing business and church communication. Includes church presentations of literature that do not depend on costumes, sets, and extensive special effects in sound and lighting.  
 Prerequisites: COM 250 and 309.

**COM 300**  
**Organizational Communication**  
**3 credit hours**

A study of the theory and practice of organizational communication skills including assumptions, processes, roles, relationships, and responsibilities. Addresses skills and applications of organizational communication. Focuses on the analysis of an organization of the student's choice and on the understanding and completion of a communication needs assessment with an organization in the Tulsa area.  
 Prerequisite: COM 101 or consent of instructor.

**COM 302**  
**Advanced Public Speaking**  
**3 credit hours**

Instruction in the theory and practice of public speaking

skills in a broad range of situations. Emphasis is on formulation and presentation skills and public speaking as a vehicle for the discovery and artful presentation of truth, the promotion of responsible personal development, and the encouragement of constructive social action. Each speech needs to reflect Christian principles and present ethical ways to enhance audience participation and acceptance.  
 Prerequisite: COM 101.  
 Course fee: \$10.

**COM 304**  
**Theatre History I**  
**3 credit hours**

A study of the history of theatre from the Greeks to Ibsen. The course provides an in-depth study of the plays, playwrights, physical theatre, social structure, and theatre criticism. Surveys the social, political, religious, and theatrical aspects of the various periods to better acquaint the student with these areas and their place in the development of modern drama.

**COM 305**  
**Theatre History II**  
**3 credit hours**

A historical study of the plays, playwrights, physical theatre, and specific theatre movements that characterize theatre from 1800 to the present.

**COM 306**  
**Advanced Acting**  
**3 credit hours**

An advanced study of acting that stimulates the actor's imagination, develops an analytical approach to creating a character, and exposes the student actor to various viewpoints on training and role preparation. Introduces the student to a method of breaking down speeches, scenes, and plays into units, sequences, and apogees. Through this comparative study, students develop their own acting techniques from a Christian perspective. Students use this practical analysis in a rehearsal and performance of an assigned final recital project.  
 Prerequisite: COM 205 for majors.

**COM 309**  
**Argumentation and Persuasion: Theory and Practice**  
**3 credit hours**

An examination of reasoning skills with an emphasis on many of the fallacies used in argumentation today. Covers debate, both Lincoln/Douglas and cross examination, and explores the tactics of persuasion used by advertisers in both the print medium and television.  
 Prerequisite: COM 101.

**COM 322**  
**Interviewing**  
**3 credit hours**

A study of the theory and practice of developing interviewing skills appropriate to a broad range of interviewing situations. Emphasis is on the interview as a communication process, a tool for management of communication effectiveness, a means of collecting and disseminating information by means of the mass media, and a strategy for research.  
 Prerequisite: COM 101.

**COM 336**  
**Directing**  
**3 credit hours**

Covers the principles and theories of stage movement, blocking, casting, rehearsing, and performance. Lab

work is coordinated with University theatre productions. Requires students to direct scenes for presentation to a live audience.  
 Prerequisite: COM 216 or consent of instructor.

**COM 342**  
**Communication Theory**  
**3 credit hours**

A study of theories of communication, including intrapersonal, interpersonal, organizational, mass communication, nonverbal, and rhetorical. Encourages application of these theories to the present day situation so that students gain a greater understanding of all areas of communication and how each theory influences their lives.  
 Prerequisite: COM 101 or consent of instructor.

**COM 359**  
**Adult Development in the Organization**  
**3 credit hours**

An examination of learning theories and strategies for adult learners' success in higher education and the work environment. Students become familiar with various theories and instruments that provide a basis for analysis, discovery, and understanding of personal strengths and adjustments that may assist in areas of personal and professional growth. (Offered only through the SLLE's WeekEnd University.)

**COM 403**  
**Costume Design**  
**3 credit hours**

An introduction to the process of costume design. Includes studying design elements, production organization from a design perspective, and practical historical research. Places special emphasis on applying the principles of design to improving the student's appearance and self-image by relating these things to a relationship with God, Jesus, and the Holy Spirit.

**COM 404**  
**Theatrical Scene Design**  
**3 credit hours**

Designed to expose the student to theatrical scene design from theory to practice. Its purpose is to provide a foundation on which the student builds a theatrical design experience.  
 Prerequisite: COM 216.

**COM 405**  
**Makeup Design**  
**3 credit hours**

A study of the methods and materials utilized in stage makeup. The class utilizes "hands on" makeup projects to teach various theatrical styles. Special emphasis is on skin care and enhancing self-image as it relates to the student's identity in Christ.

**COM 409**  
**Gender and Family**  
**3 credit hours**

An examination of interpersonal and intrapersonal communication theories in light of current societal and historical Biblical considerations concerning gender and family relationships. Allows for an integration of theory and practicality in the communication process with special attention to the Christian responsibility of both the male and female and their roles in the family. Compares current research concerning the communication changes taking place in society today.  
 Prerequisite: COM 101.

**COM 410**  
**Discussion and Conference Leadership**  
**3 credit hours**

A study of the theory and practice of group dynamics and the use of small groups in the processes of information-seeking and problem-solving. Includes examination of leadership styles. Students organize conferences and present seminars.  
 Prerequisite: COM 101.

**COM 412**  
**Training and Development**  
**3 credit hours**

A theoretical and practical study of various training techniques, the field of training, how training is being used in industry today, and the elements that constitute successful training in the development of successful organizations.  
 Prerequisite: COM 300.  
 Course fee: \$10.

**COM 413**  
**Cross-Cultural Communication/ Minority Group Relations**  
**3 credit hours**

An overview of the field of cross-cultural communication. 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. Covers concepts of race, ethnicity, minority groups, prejudice, and discrimination. (Offered only through the SLLE's WeekEnd University.)

**COM 420**  
**Gender and Family Relations**  
**3 credit hours**

A treatment of issues ranging from sexual harassment, childcare, and domestic and workplace violence to family leave, promotionability, parenting and balancing career and family. Pays special attention to recognizing and understanding the importance of gender differences and behavior in the workplace and home as contributors to success in the career and organization. (Offered only through the SLLE's WeekEnd University.)

**COM 426**  
**Communication Seminar**  
**3 credit hours**

Designed to provide an opportunity for students and faculty to explore innovative ideas and subjects emerging within the communication discipline. Content may change from session to session and range from business speaking to costume history.

**COM 444**  
**Advanced Interpersonal Communication**  
**3 credit hours**

An examination of conflict reduction, listening, nonverbal communication, proxemics, self-disclosure, self-esteem, and other facets of interpersonal communication from a theoretical approach.  
 Prerequisites: COM 101 and 203.

**COM 446**  
**Business and Professional Speech**  
**3 credit hours**

Covers public speaking and skills necessary for the contemporary professional. Focuses on the preparation and delivery of both mediated and unmediated

speeches and covers both technical and non-technical presentations. Addresses communicating in the boardroom, staff meeting, or consultation arena and includes how to incorporate multimedia, such as PowerPoint. Students also compile a business portfolio.  
 Prerequisites: COM 101, 300, and 302.

**COM 450**  
**Teaching Communications Arts**  
**3 credit hours**

A course designed to prepare communication arts education students with ideas and practical knowledge for the classroom. Focuses on materials and methods of teaching speech, drama, and related subject areas.

**COM 451**  
**Communications Internship**  
**1-3 credit hours**

An arranged program of activities with a local employer for the development of communication skills in a job environment. Credit varies according to the job description.  
 Prerequisites: Junior or senior standing and consent of the department.

**COM 453**  
**Directed Study and Research**  
**1-3 credit hours**

A collaboration between student and professor on an approved topic. Content varies.  
 Prerequisites: Junior or senior standing and consent of the department.

**COM 498**  
**Senior Paper Preparation**  
**1 credit hour**

Discussion and exploration of possible topics and a review of research techniques and methods.  
 Prerequisites: Within three semesters of graduation and approval of instructor and departmental mentor.

**COM 499**  
**Research and Senior Paper/Project**  
**2-3 credit hours**

Specialized research culminating in a senior paper and/or other approved project.  
 Prerequisites: COM 498, senior standing, and consent of department chair.

## COMPUTER SCIENCE (CSC)

**CSC 101**  
**Computer Concepts**  
**3 credit hours**

A general overview of competing ideas that provides an understanding of computers, computer technology, computer hardware and software, and how computers are used to produce meaningful and useful information. (Does not count toward a major or minor in computer science.)  
 Academic technology fee: \$45.

**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.  
 Academic technology fee: \$45.

**CSC 112**  
**Microcomputer Applications in Business**  
**3 credit hours**

An introduction to commercially available software packages commonly used in business environments. Representative packages include word processors, spreadsheets, and data bases. Provides a foundation for computer applications encountered in upper-level business courses. (Does not count toward a major or minor in computer science.)  
 Academic technology fee: \$45.

**CSC 213**  
**COBOL Programming**  
**3 credit hours**

A study of the applications of structured programming principles and techniques using the COBOL programming language. Topics include algorithm design, pseudocode, program structure charts, testing, program documentation, table manipulation, subprograms, sorting, file maintenance, and report writing.  
 Prerequisite: CSC 111.  
 Academic technology fee: \$45.

**CSC 231**  
**Computers and Programming**  
**3 credit hours**

A study of computer structure, machine language, instruction execution, addressing techniques, digital representation of data, computer systems organization, logic design, microprogramming, interpreters, symbolic coding, assembler language, macros, program segmentation and linkage, systems and utility programs, and programming techniques. Assigns computer projects to illustrate basic machine structure and programming techniques in assembler language throughout the course.  
 Prerequisite: CSC 111.  
 Academic technology fee: \$45.

**CSC 255**  
**Data Structures**  
**3 credit hours**

A study of the design of structures for representing information and the design of algorithms for manipulating that information. Expertise in the design of structures is developed through consideration of abstract structures and implementation techniques and implementing various structures in specific programming languages. Develops expertise in the design of algorithms by solving problems, including searching and sorting. Programming projects throughout the course provide a synthesis experience in which the student designs data structures and algorithms to solve a given problem.  
 Prerequisite: CSC 111.  
 Academic technology fee: \$45.

**CSC 331**  
**Computer Logic and Organization**  
**3 credit hours**

The study and design of digital logic circuits and an introduction to computer systems organization. Topics include Boolean algebra, minimization techniques, combinational logic, sequential logic, digital arithmetic and arithmetic logic circuits, memory, input/output, and system organization.  
 Prerequisite: CSC 231.  
 Academic technology fee: \$45.

**CSC 351**  
**Operating Systems Principles**  
**3 credit hours**

A study of operating systems, batch processing, multi-programming, virtual machines, sequential and concurrent processes, process communication, mutual exclusion, synchronization primitives, deadlock, processor management, scheduling methods, memory management, overlaying, swapping, segmentation, paging, virtual memory, and security and protection.

Prerequisite: CSC 255.

Academic technology fee: \$45.

**CSC 353**  
**Programming Languages**  
**3 credit hours**

A study of the features of programming languages. The topics covered include a history of programming languages, formal definitions of syntax and semantics, binding times, data types, flow of control, subroutines, co-routines, concurrency, exception handling, and run-time representation of program data structures. In addition to a study of traditional imperative languages, trains students to adapt the mindset of alternative approaches to the programming process through programming exercises in string processing, functional, logic, and object-oriented languages.

Prerequisite: CSC 255.

Academic technology fee: \$45.

**CSC 355**  
**File Processing**  
**3 credit hours**

An introduction to the concepts and techniques of structuring data on secondary storage devices. Topics include physical characteristics of external storage media, file blocking, file manipulation, random versus sequential organization, indexed access, multiple indices, hash addressing, and B-trees.

Prerequisite: CSC 255.

Academic technology fee: \$45.

**CSC 375**  
**Numerical Analysis**  
**3 credit hours**

An introduction to the numerical algorithms fundamental to scientific computer applications. Topics include elementary error analysis and statistical analysis of numerical processes, numerical solutions of non-linear equations and linear systems of equations, polynomial interpolation, curve fitting, numerical integration and differentiation, and numerical solution of ordinary differential equations. Computer solutions to problems are emphasized.

Prerequisites: CSC 111 and MAT 211.

Academic technology fee: \$45.

**CSC 381**  
**Systems Analysis**  
**3 credit hours**

An overview of the system development life cycle. Emphasis on current system documentation through the use of both classical and structured tools/designs, input and output designs, and program specifications. Discussion of the information gathering and reporting activities and of the transition from analysis to design.

Prerequisite: CSC 111.

Academic technology fee: \$45.

**CSC 382**  
**Systems Design**  
**3 credit hours**

Advanced study of structured systems development. Emphasizes strategies and techniques of structured

design for producing logical methodologies for dealing with complexity in developing information systems.

Prerequisite: CSC 381.

Academic technology fee: \$45.

**CSC 441**  
**Data Communication**  
**3 credit hours**

The study of concepts of data communication, network design, and distributed information systems.

Prerequisite: CSC 111.

**CSC 450**  
**Computer Science Internship**  
**3 credit hours**

An exposure to the computer information industry in which a student works within an organization to better understand the basic skills required to secure a position and advance in this industry. The student learns about the operation of different hardware and/or software components, uses and tests skills acquired in the classroom, gains confidence, and returns to campus with a better understanding of the competencies needed by a professional in the computer information industry. (Not counted toward a minor in computer science.)

**CSC 451**  
**Advanced Systems Programming**  
**3 credit hours**

A study of the machine-level programming techniques needed for control-system programming, such as interrupt processing, input/output buffering, direct memory access, program traps, communications, polling, task queuing, multiprogramming, scheduling, priorities, foreground/background, real-time systems, and online systems.

Prerequisite: CSC 351.

Academic technology fee: \$45.

**CSC 453**  
**Compiler Construction**  
**3 credit hours**

A study of the details of automatic programming language translation. Topics include program language structures, translation, loading, execution, storage allocation, compilation of simple expressions, statements, organization of a compiler including compile-time and run-time symbol tables, lexical scan, syntax scan, object code generation, error diagnostics, object code optimization techniques, overall design and use of compiler writing languages, and bootstrapping.

Prerequisite: CSC 353.

Academic technology fee: \$45.

**CSC 454**  
**Special Topics in Computer Science**  
**1-3 credit hours**

Selected topics covered in the core curriculum considered in response to student interest and need. (May be repeated if subject matter is different.)

Prerequisite: Permission of department chair.

Academic technology fee: \$45.

**CSC 455**  
**Database Systems**  
**3 credit hours**

An introduction to the concepts and techniques encountered in database systems. Topics include data independence, data models (relational, hierarchical, network), data normalization, data description languages, query languages, file and index organization, design and implementation strategies, security, integrity, and reliability.

Prerequisite: CSC 355.

Academic technology fee: \$45.

**CSC 460**  
**Object-Oriented Design**  
**3 credit hours**

A study of object-oriented techniques that use the Unified Modeling Language (UML) notation for the analysis and design of software systems. Techniques for designing both the structural and behavioral aspects of software systems are emphasized. An exploration of detailed design methods to map a design into language constructs follows a discussion of design. The study is organized in incremental assignments that deal with the analysis, design, visualization, and construction of realistic software systems using UML software development.

Prerequisites: CSC 111, 255, 381, and 382.

Prerequisite or corequisite: CSC 455.

Academic technology fee: \$45.

**CSC 499**  
**Senior Paper/Project**  
**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.

Academic technology fee: \$45.

## DOCTOR OF MINISTRY (DMIN)

**DMIN 711**  
**Ministerial Identity**  
**3 credit hours**

Designed to help the student examine the role(s) of the minister, develop a profile of personal ministerial style, and articulate a description of his or her ministerial identity. Leads students into the development of personal goals for the doctor of ministry degree experience.

**DMIN 712**  
**Biblical Authority for Ministry**  
**3 credit hours**

Examines selected Biblical themes and relates them to the minister's understanding of mission and empowerment. Places emphasis upon the relationship of the themes to practical problems and opportunities of ministry.

**DMIN 713**  
**Pastoral Care and Counseling**  
**3 credit hours**

Acquaints students with current and historical concepts of pastoral care and counseling and facilitates the development of greater effectiveness in the practice of both. Students learn to assess pastoral care and counseling efforts and experience the integration of Biblical guidance, spiritual empowerment, and principles of psychology and counseling.

**DMIN 716**  
**Pneumatology**  
**3 credit hours**

Examines the distinctive approaches of Pentecostals/charismatics to the role of the Holy Spirit in the experiences of the believer and the Church. Exegetical study is interpreted theologically to assist the student in formulating and enunciating a personal theology of charismatic ministry.

**DMIN 717**  
**Theological Resources for Ministry**  
**3 credit hours**

Explicates selected theological tenets of the Christian

faith and applies them to various situations and contexts of ministry. Students receive insights and assistance in thinking theologically while addressing relevant issues.

**DMIN 718**  
**Strategies for Effective Discipleship**  
**3 credit hours**

Examines group and one-on-one approaches to discipling in the church and in parachurch ministries. Principles of faith formation and spiritual nurture are examined in the light of Biblical and theological imperatives with a focus on the role of the minister in facilitating growth in grace.

**DMIN 730**  
**Church Growth and Missions**  
**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 731**  
**Preaching for Response**  
**3 credit hours**

Designed to help the preacher re-examine the theory and practice of preaching, focusing on the meaning and purpose of the text. With these two hermeneutical issues in mind, pursues homiletical and rhetorical procedures that enable the text to do its work.

**DMIN 732**  
**Leadership and Administration**  
**3 credit hours**

Presents a concept of servant leadership based in the Scriptures and contemporary literature. Views the leader in various roles and relationships within the context of the local church or ministry. Gives assistance in determining the student's leadership and management styles. Stresses the integration of ministry and management.

**DMIN 733**  
**Divine Healing**  
**3 credit hours**

Guides the student in a comprehensive study of one of the distinctions of ORU. Examines the theological, historical, and practical dimensions of this topic. Examines various models and contexts for healing.

**DMIN 734**  
**Ministry and Current Issues**  
**3 credit hours**

Designed to improve research skills, heighten ministerial exposure, and intentionally evoke theological and ethical reflection on the issues that affect society. Addresses how, in a time of rapid change, forces influencing culture can constantly be evaluated from a Christian perspective. Reinforces the minister's responsibility to guide the Church in raising prophetic questions regarding crucial issues and responsible involvement.

**DMIN 735**  
**Trends in Preaching and Teaching**  
**3 credit hours**

Examines the role of the minister as related to preaching and teaching. Explores societal trends for the purpose of influencing strategies of preaching and teaching in order to increase relevance and effectiveness.

**DMIN 736**  
**Pastoral Ministry in the 21st Century**  
**3 credit hours**

Deals with the theology and practice of pastoral ministry in today's fast changing world. Through lectures, discussions, projects, and presentations, students reflect on the possibilities and challenges of pastoral ministry in the emerging church and society. Investigates the nature and function of Biblically informed, theologically sound, and contextually appropriate ministry at the dawn of the twenty-first century.

**DMIN 749**  
**Healing Through Pastoral Counseling**  
**3 credit hours**

Presents concepts and procedures of pastoral counseling as they relate to the healing ministry of the local church. Prepares and updates Christian pastors for a ministry of counseling in the context of a Christian community. Exposes the student to various theories and methods of pastoral counseling and encourages them to develop a style of counseling out of his or her personality dynamics and gifts for ministry.

**DMIN 761**  
**Pastoral Care and Spiritual Nurture**  
**3 credit hours**

Acquaints students with current and historical conceptions of pastoral care and spiritual nurture and facilitates the development of greater effectiveness in the practice of such activities. Within the context of a Pentecostal/charismatic theology, students learn to assess pastoral care and spiritual nurture efforts and experience the integration of Biblical guidance, historical and systematic theology, and the principles of psychology and counseling with ongoing application in ministry to the body of Christ.

**DMIN 768**  
**Pastoral Care and Counseling in the Local Church**  
**3 credit hours**

Acquaints students with current and historical conceptions of pastoral counseling and facilitates the development of greater effectiveness in the practice of this activity in a Pentecostal/charismatic setting.

**DMIN 785**  
**Research Clinic I**  
**3 credit hours**

Designed to help the student explore the possibilities and options of a selected problem for applied research. After a project concept is approved by faculty members as viable, the concept is shared with the class for peer evaluation, input, and approval. Also includes instructions for writing an applied research project proposal.

**DMIN 786**  
**Research Clinic II**  
**3 credit hours**

An opportunity for students to offer reports of progress on applied research projects to peers and supervisors. The group is encouraged to critique the proposed research design and offer suggestions for improvement. Includes additional instruction in research design, gathering and treating data, and writing the final report.

**DMIN 790**  
**Research Project**  
**0-1 credit hours**

The implementation of an approved project proposal,

the writing of a final report, and the oral defense before the student's project committee.

**DMIN 791**  
**Research Project Continuation**  
**0-1 credit hours**

Continuation of the research project.

## EARLY CHILDHOOD EDUCATION (ECE)

**ECE 203**  
**Organizing the Early Childhood Program**  
**3 credit hours**

An examination of foundational principles for understanding and implementing an early childhood program. Topics include developmentally appropriate practice, the history of childhood and early childhood education, ethics, assessment, and classroom organization (routines, transitions, learning centers, scheduling, and unit development).

**ECE 212**  
**Foundations of Early Childhood Education and Physical Development**  
**3 credit hours**

Addresses all aspects of physical growth and development as well as methods for supporting this development. Covers developmentally appropriate practice, advocacy, health, safety, nutrition, playground design, and physical education.

**ECE 303**  
**Symbol Development and Creativity of the Young Child**  
**3 credit hours**

Covers all aspects of symbol development and creativity including language, literacy, art, music, and drama. Addresses special needs of the language-different child in the development of literacy. Includes three hours of classroom observation.

**ECE 313**  
**Psychosocial Development and Guidance of the Young Child**  
**3 credit hours**

Examines the social, emotional, and moral development of the young child. Investigates early childhood history, ethics, techniques for supporting psychosocial development, organizing and managing the early childhood classroom, and behavior problems ranging from normal to psychopathological. Both parent and community collaboration are considered.

**ECE 323**  
**Cognitive Development of the Young Child**  
**3 credit hours**

A study of the basic principles of cognitive growth and development as well as methods for guiding cognitive development. Covers development and evaluation of curriculum, assessment principles, and specific methods and rationales for teaching math, science, and social studies. Includes three hours of classroom observation. (Crosslisted with GECE 523.)

**ECE 403**  
**Childcare Administration**  
**2-3 credit hours**

An examination of the principles governing the development and administration of childcare and preschool programs. Topics include finance, personnel, organization, facilities, and policy development. Also examines laws applicable to schools and childcare institutions.

## ELECTRICAL ENGINEERING (EE)

**EE 311**  
**Network Analysis II**  
**3 credit hours**

Continuation of EGR 210. Topics covered include pulse and sinusoidal responses of second-order networks, two-port theory, design of filters, Fourier transforms and Laplace transforms. Includes application of MATLAB. Prerequisite: EGR 210. Course fee: \$35.

**EE 321**  
**Electronics I Lecture**  
**3 credit hours**

An introduction to the basic concepts underlying the analysis and design of circuits using diodes, transistors, and Field Effect Transistors. Includes bias stability of amplifiers, design of power amplifiers and power supplies, and frequency response of active circuits. (Crosslisted with PHY 321.) Prerequisite: EGR 210. Corequisite: EE 321 Lab.

**EE 321**  
**Electronics I Laboratory**  
**1 credit hour**

Companion lab to EE 321 Lecture. Covers measurements of the characteristics of semi-conductor devices and the analysis and design of single-stage BJT and FET amplifiers. Corequisite: EE 321 Lecture. Course fee: \$35.

**EE 322**  
**Electronics II Lecture**  
**3 credit hours**

Continuation of EE 321. Topics include frequency analysis and design of amplifiers, analysis of operational amplifiers, design of operational amplifier based circuits, integrated circuits, analysis of feedback techniques, and design of active filters. Uses SPICE software. Prerequisite: EE 321. Corequisite: EE 322 Lab.

**EE 322**  
**Electronics II Laboratory**  
**1 credit hour**

The companion lab to EE 322 Lecture. Topics include frequency analysis and design of amplifiers, analysis of operational amplifiers, design of operational amplifier based circuits, integrated circuits, analysis of feedback techniques, and design of active filters. Uses SPICE software. Corequisite: EE 322 Lecture. Course fee: \$35.

**EE 325**  
**Design With Standard Components**  
**3 credit hours**

An introduction to ASIC. Application of VHDL, FPGAs,

and PLCs in digital systems design. A study and practice of practical design using available digital and analog components. Prerequisite: EE 321. Course fee: \$35.

**EE 360**  
**Electromagnetic Theory**  
**3 credit hours**

A study of electrostatics, electric and magnetic circuits and fields, electromagnetic induction, and Maxwell's equations in differential and integral forms. Prerequisites: PHY 112 and MAT 211. Course fee: \$35.

**EE 361**  
**Power Systems Analysis**  
**3 credit hours**

A study of symmetrical components, per-unit representation, transmission line analysis, power transformer analysis, synchronous machine analysis, and introductory computer power flow analysis. Prerequisites: EGR 210 and 252. Course fee: \$35.

**EE 363**  
**Electromechanical Devices**  
**3 credit hours**

An introduction to electrical machines and transformers. Direct and alternating current machines are reduced to equivalent circuits. Prerequisite: EGR 210. Course fee: \$35.

**EE 450**  
**Special Topics**  
**3 credit hours**

Courses of special interest taught as needed. Prerequisite: Instructor's permission. Course fee: \$35.

**EE 462**  
**Design of Power Systems**  
**3 credit hours**

A study of the design of power systems using extensive computer analysis. Topics include balanced and unbalanced faults, system protection, system performance, and load flow studies. Prerequisite: EE 361. Course fee: \$35.

**EE 495**  
**Directed Study**  
**1-3 credit hours**

A directed study of problems of limited scope approved on an individual basis. Written and/or oral presentation may be required. Prerequisites: Arrangement with professor and approval of department chair.

## ENGINEERING (EGR)

**EGR 100**  
**Engineering/Physics Seminar**  
**0 credit hour**

A discussion of current topics and practical aspects of engineering and engineering physics. (Engineering and engineering physics majors are required to enroll in this course every semester.)

**EGR 101**  
**Introduction to Engineering**  
**2 credit hours**

An introduction to the profession of engineering. Topics include problem solving, engineering design of simple electrical and mechanical systems, introductory computer programming using Matlab, and introductory economics and ethics of engineering practice. Course fee: \$35.

**EGR 140**  
**Engineering Graphics**  
**2 credit hours**

Preparation of engineering drawings using 2-D and/or 3-D computer-aided design (CAD) packages. Course fee: \$35.

**EGR 210**  
**Network Analysis I Lecture**  
**3 credit hours**

Designed to provide beginning engineering students with knowledge of the fundamentals and methods of analysis of electrical networks consisting of passive components (resistors, inductors, capacitors) and sources (voltage, current). Prerequisite: PHY 112. Corequisites: MAT 211 and EGR 210 Lab.

**EGR 210**  
**Network Analysis I Laboratory**  
**1 credit hour**

Experiments designed to demonstrate principles discussed in EGR 210 Lecture, including measurement of resistance, voltage, current, and step responses of first- and second-order networks. Corequisite: EGR 210 Lecture. Lab fee: \$35.

**EGR 221**  
**Mechanics I: Statics**  
**3 credit hours**

A study of statics of particles and rigid bodies; equilibrium of rigid bodies; concentrated and distributed force systems; shear and bending moment stresses in beams and other rigid bodies; force analysis of machines, frames, and trusses; force resultants using vectors in two and three dimensions; friction forces; center of gravity; moments of inertia. Prerequisites: PHY 111 Lecture and Lab. Course fee: \$35.

**EGR 222**  
**Mechanics II: Dynamics**  
**3 credit hours**

A study of the dynamics of particles and systems of particles; rectilinear kinematics and curvilinear motion, relative motion of two particles, Newton's laws of motion; work and energy; impulse and momentum; planar kinematics and kinetics of a rigid body; and vibrations. Prerequisite: EGR 221. (Crosslisted with PHY 312.) Course fee: \$35.

**EGR 231**  
**Heat and Thermodynamics**  
**3 credit hours**

A course in thermodynamics, including first and second law, thermometry, kinetic theory, thermodynamic property relations, ideal gas mixtures, and elementary power and refrigeration cycle analyses. Includes lab experiments. Prerequisites: PHY 111 Lecture and Lab and MAT 202. Course fee: \$35.

**EGR 252**  
**Engineering Computational Methods**  
**3 credit hours**

A basic computer course for students in engineering. Topics include learning the C programming language, use of Matlab computer package, and problem solving techniques such as numerical integration, simultaneous equations, and polynomial roots.

Prerequisite: EGR 101.

Course fee: \$35.

**EGR 330**  
**Control Systems**  
**3 credit hours**

Analysis and design of first-and second-order linear feedback control systems. Presents both classical and modern techniques. Topics discussed include Laplace transforms, transfer functions, Bode, Nyquist, and root-locus methods, signal flow diagrams, state equations, and stability.

Prerequisites: EGR 210, EGR 222, and MAT 211.

Course fee: \$35.

**EGR 331**  
**Design of Control Systems**  
**3 credit hours**

An introduction to the design of automatic control systems. Includes design projects based on the theory learned in EGR 330. Introduces robust and digital control systems.

Prerequisite: EGR 330.

Course fee: \$35.

**EGR 461**  
**Engineering Management and Economy**  
**2 credit hours**

A study of the management of engineering projects and a consideration of investments and economic analysis as applied to engineering.

Prerequisite: Senior standing.

Course fee: \$35.

**EGR 498**  
**Senior Design and Research I**  
**2 credit hours**

First part of a two-semester, project-oriented course. Topics include research techniques, time management, patent searches, and manufacturing. Oral and written presentations are required at various stages. Student teams apply the design process by developing a project from research and proposal through construction and testing.

Corequisites: EGR 461 and senior standing.

Course fee: \$35.

**EGR 499**  
**Senior Design and Research II**  
**2 credit hours**

A continuation of EGR 498. Student teams apply the design process by developing a project through construction and testing. Requires oral presentations and a written report. (Crosslisted with PHY 499.)

Prerequisites: EGR 461 and 498.

Course fee: \$35.

## ELEMENTARY EDUCATION (ELE)

**ELE 314**  
**Reading and Language Arts**  
**3 credit hours**

A study of the scope and sequence of skill development in language arts (listening, speaking, reading, and writing for students in grades 1-6). Emphasizes the interrelationship of language arts with the entire elementary curriculum, thus using an integrated teaching approach.

**ELE 323**  
**Children's Literature and the Library**  
**3 credit hours**

Acquaints the student with outstanding authors and illustrators of the best literature for children, with emphasis on meeting emotional, intellectual, and aesthetic needs. Includes library use.

**ELE 342**  
**Motor Learning, Games, and Activities EC-8**  
**2 credit hours**

A course designed to develop a knowledge in motor learning, elementary games, and activities essential to the growth and development of the elementary age child. Presents knowledge, skills, and techniques for instruction in a variety of activities. Includes a practicum. (Offered only to students completing the bachelors of science degree in elementary education through distance education.)

**ELE 343**  
**Fine Arts Methods (Art, Music, Drama)**  
**3 credit hours**

A study of ways to nurture informed awareness of works of art and develop a more discriminating appreciation of theater, music, and visual arts. Uses a workshop approach with teacher demonstration, student presentation, and class activities. (Offered only to students completing the bachelors of science degree in elementary education through distance education.)

**ELE 344**  
**Elementary Reading Methods**  
**4 credit hours**

A study of the major approaches to reading instruction in elementary grades 1 through 8. Presents methods and materials as a means of developing the student's awareness of the reading process. The practicum component provides an opportunity to observe 30 hours of reading/language arts instruction in an elementary classroom.

Prerequisite: ELE 314.

**ELE 364**  
**Mathematics Methods**  
**3 credit hours**

Focuses on methods and materials used in teaching mathematics to students in grades K through 8. Presents the pedagogical framework for teaching various mathematical topics by involving the adult learner in activities that have implications for teaching children. Issues studied include the history of mathematics education, how children learn mathematics, cultural issues, and assessment, as well as methods and material relevant to specific topics such as number readiness, operations with various number sets, problem solving, geometry, and measurement. (Offered only to students

completing the bachelors of science degree in elementary education through distance education.) may be for on campus too. (Offered only to students completing the bachelors of science degree in elementary education through distance education.)

Prerequisites: MAT 151, 221, 222, and 232.

**ELE 383**  
**Science Methods**  
**3 credit hours**

A course designed to familiarize students with the scientific concepts normally encountered in the school curriculum and the lab materials and equipment required in teaching science from early childhood through grade 8. (Offered only to students completing the bachelors of science degree in elementary education through distance education.)

Course fee: \$25.

**ELE 393**  
**Social Studies Methods**  
**3 credit hours**

A study of content, methods, and materials used in the teaching of social studies from early childhood through grade 8 and trends in concept development and problem-solving. Opportunity for observation in school classrooms may be provided. (Offered only to students completing the bachelors of science degree in elementary education through distance education.)

**ELE 403**  
**Literacy Assessment with Clinical Experience**  
**3 credit hours**

Includes interpretation of tests and data, placement of individuals, and the diagnosis and assessment of reading disabilities. Addresses the development of case reports, including recommendations and remediation; corrective and remedial instruction utilizing appropriate materials and methods for individuals having reading problems; and instruction designed to accommodate student needs through special techniques and adaptations of instructional materials.

Prerequisites: ELE 314 and 344.

**ELE 490**  
**Research in Elementary Education**  
**1-3 credit hours**

A course designed to provide the student with an opportunity to select readings in education that pertain to the degree program. Special activities and/or projects may be suggested by the professor.

## ENGLISH (ENG)

**ENG 100**  
**College Reading and Writing**  
**3 credit hours**

Focuses on writing in response to readings and activities and on organization of essay writing, such as narration, description, illustration, and argumentation. Includes review of grammar and mechanics. Requires 24 hours of tutoring (two hours per week) in the Tutoring Center. (Must receive a "C" or higher to continue in ENG 101.)

**ENG 101**  
**Reading and Writing in the Liberal Arts**  
**3 credit hours**

Writing based on selected readings. Emphasizes analyti-

cal thinking, critical reading, and ethical incorporation of sources. Includes a research paper. (This is the first of two reading and writing courses required in the general education curriculum. Honors sections are available for this course.)

Prerequisite: SAT Verbal score of at least 500, ACT English score of at least 22, at least 70% on ORU placement exam, or completion of ENG 100 with at least a "C."

Academic technology fee: \$45.

**ENG 112**  
**Reading and Writing Laboratory**  
**1 credit hour**

Individualized diagnosis, prescription, and instruction in reading and writing for academic purposes. (May be taken two semesters for credit.)

**ENG 201**  
**Introduction to Literature**  
**3 credit hours**

An introductory course designed for English and writing majors, emphasizing analysis skills and techniques for writing about literature. Uses representative readings from fiction, poetry, and drama, with an emphasis on the elements of literature. Includes reading from various genres, exploring critical approaches, and writing analytical and evaluative essays.

Prerequisite: ENG 101.

**ENG 305**  
**Critical Reading and Writing**  
**3 credit hours**

An advanced writing course emphasizing writing skills such as analysis, synthesis, and critique. Uses representative readings from a variety of fields with an emphasis on the literary arts. Exercises include critical reading, reasoning skills, and writing in response to a variety of readings, as well as writing assignments that incorporate summary, paraphrase, quotation, practice in argument and persuasion. (This is the second of two composition and reading courses required in the general education curriculum. Honors sections are available for this course.)

Prerequisites: Sophomore standing and ENG 101 or equivalent.

**ENG 310**  
**World Literature**  
**3 credit hours**

A study of selected authors, themes, and trends representing literature outside the American and British realms. Emphasizes modern literatures of Continental Europe, Asia, Africa, and Latin America.

**ENG 311**  
**English Literature I**  
**3 credit hours**

A survey of major authors and works of English literature from Old English to the Romantic period (1798).

**ENG 312**  
**English Literature II**  
**3 credit hours**

A survey of major authors and works of English literature from the Romantic period (1798) to the present.

**ENG 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 and the intellectual history of the Renaissance.

**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 Celtic and English literature, including both poetry and prose. Special emphasis is on the writings of Chaucer.

**ENG 370**  
**American Romantic Period**  
**3 credit hours**

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

**ENG 371**  
**American Realists and Naturalists**  
**3 credit hours**

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

**ENG 420**  
**English Romantic Period: 1798-1832**  
**3 credit hours**

A study of the lives, characteristics, and works of writers in the English Romantic Period. Discusses how the writings of this period influenced the Victorian writers.

**ENG 421**  
**English Victorian Period**  
**3 credit hours**

A critical study of the writings of Arnold, Browning, Tennyson, Carlyle, Huxley, Newman, and others. and emphasizes their contributions to the cultural and intellectual currents of the age.

**ENG 436**  
**Contemporary Literature**  
**3 credit hours**

A study of contemporary literature of the English language with emphasis on contemporary American fiction.

**ENG 440**  
**The Modern Period**  
**3 credit hours**

A study of representative authors of the Modern Period

in American and British literature (1914-1950). Includes Modernism as an international artistic movement that followed the Romantic and Realist movements.

**ENG 450**  
**Literary Criticism**  
**3 credit hours**

A study of the history of literary criticism and the important modern critical approaches and theories. Focuses on written exercises of the type expected of literary students, scholars, and critics.

**ENG 451**  
**Departmental Seminar**  
**3 credit hours**

A seminar examining aspects of literature, such as a genre or literary movement not covered in other English courses. Includes class discussion, research, and the presentation of papers. Examples of seminar subjects include early Christian literature, science fiction and fantasy, wilderness writings, minority literature, and women's literature. (May be taken twice for credit.)

**ENG 470**  
**Teaching English**  
**3 credit hours**

A course designed to prepare English majors with ideas and practical knowledge for the secondary level (middle and senior high school levels) English classroom. Focuses on methods of teaching literature, composition, grammar and related subjects to current American students of varied backgrounds. A short practicum is required.

**ENG 490**  
**Senior Paper Research**  
**1 credit hour**

The first of a two-course sequence designed to provide English and writing majors with an opportunity to do specialized research in literature, writing, or the English language. Includes instruction in research and bibliographical procedures and prepares students for writing the senior research paper.

Prerequisite: Junior or senior English or writing major.

**ENG 499**  
**Senior Paper/Composition**  
**2 credit hours**

The second of a two-course senior paper sequence. The course culminates in the presentation of an in-depth research paper written for an academic audience.

Prerequisites: Senior standing and a grade of C or better in ENG 490.

## ENGLISH AS A SECOND LANGUAGE (ESL)

**ESL 303**  
**TESL Principles**  
**3 credit hours**

A study of the basic principles of language learning and teaching, including a comparison of first and second language acquisition, instructional and learner variables, and methodological implications. (Crosslisted with TESL 503.)

**ESL 315**  
**Descriptive Linguistics**  
**3 credit hours**

A general introduction to the field of descriptive linguistics, including phonetics, morphology, and syntax, especially as they relate to the second language teacher. (Crosslisted with TESL 515.)

**ESL 316**  
**Sociolinguistics**  
**3 credit hours**

An introduction to the social use of language, especially as it relates to the second language teacher. Topics include aspects of semantics, discourse analysis, language variations, and social and political implications of language use. (Crosslisted with TESL 516.)

**ESL 318**  
**TESL Seminar**  
**3 credit hours**

An in-depth study of selected topics relevant to the TESL practitioner. (Crosslisted with TESL 518.)

**ESL 343**  
**TESL Methods and Materials**  
**3 credit hours**

A survey and production of TESL techniques and teaching materials. Students receive training in presentation procedures used to teach ESL effectively. (Crosslisted with TESL 543.)

**ESL 353**  
**TESL Curriculum Design**  
**3 credit hours**

An overview of the field of instructional design and curriculum development with a special emphasis on curriculum for English as a second language. (Crosslisted with TESL 553.)

**ESL 393**  
**TESL Assessment**  
**3 credit hours**

An examination of the principles of testing and evaluation as applied to the acquisition of English as a second language. Emphasizes testing skills needed by the classroom teacher. Also covers the principles, procedures, and basic terminology of educational research to aid the classroom teacher in the interpretation of research. (Crosslisted with TESL 593.)

**ESL 413**  
**Cross-Cultural Communication**  
**3 credit hours**

An overview of the field of cross-cultural communication, including theories and models, major concepts, terminology, and current research. Also emphasizes effective interpersonal communication and teaching in the multicultural classroom. (Crosslisted with TESL 513.)

**ESL 433**  
**Literature in the ESL Context**  
**3 credit hours**

A survey of important theoretical and methodological issues related to the teaching of literature to ESL students and a brief, systematic overview of American literature. (Crosslisted with TESL 633.)

**ESL 452**  
**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. (Crosslisted with WRT 355 and TESL 573.)

**ESL 453**  
**Structure of Modern English**  
**3 credit hours**

A study of conventional grammar and usage through the analysis and diagramming of sentences. Emphasizes traditional grammar and the linguistic approach to language. (Crosslisted with WRT 304 and TESL 583.)

## ENVIRONMENTAL SCIENCE (EVR)

**EVR 250**  
**Environmental Science Lecture**  
**3 credit hours**

A study of the physical and chemical factors that control the extent of contamination of Earth's physical environment. Emphasizes soil, water, and air pollution and the chemical cycles that govern movement of pollutants from one environmental sector to another. (This is an honors course designed for students who have had a thorough scientific background in high school.)  
 Corequisite: EVR 250 Laboratory.

**EVR 250**  
**Environmental Science Laboratory**  
**1 credit hour**

Demonstrates the practical and technical aspects of data acquisition for environmental analysis. (This is an honors course designed for students who have had a thorough scientific background in high school.)  
 Corequisite: EVR 250 Lecture.  
 Course fee: \$30.

**EVR 450**  
**Current Global Issues Seminar**  
**3 credit hours**

An investigation of unresolved issues posing current environmental threats. Includes guest speakers and student research.

## FIELD EDUCATION (FED)

**FED 501**  
**Teaching Methodology**  
**0 credit hours**

Prepares graduate fellows who serve as teaching assistants (TAs) in undergraduate theology classes to minister spiritually as well as academically to students in their discussion classes.

**FED 658**  
**Field Education (General)**  
**1 credit hour**

An introduction to the field education program. Students develop skills in journaling and in the preparation and presentation of case studies. (Field education ministry opportunities are scheduled through the office of the Director of Oral Roberts University Community Outreach.)

Prerequisite: Two semesters of graduate theological education.  
 Course fees: Background check, \$25.50; liability insurance, \$15.

**FED 672**  
**Field Education (Church)**  
**1 credit hour**

A course enabling the student to integrate and employ Biblical/theological principles, practices of ministry, and charismatic empowerment in diverse contexts of supervised ministry in the local institutional church and in consultation-reflection groups in order to achieve competency in functioning as an effective minister of the Gospel. Prerequisites: Two semesters of graduate theological education and FED 658.  
 Course fees: Liability insurance, \$15.

**FED 673**  
**Field Education (Community)**  
**1 credit hour**

Supervised experiences of ministry beyond the congregation of the local institutional church. Such ministries may be sponsored by a local church, parachurch organization, or community social agency. The student also integrates and employs Biblical/theological principles, practices of ministry, and charismatic empowerment in community settings and in consultation-reflection groups. Prerequisites: Two semesters of graduate theological education and FED 658.  
 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. Prerequisite: Master of Arts in Practical Theology candidate.  
 Course fees: Background check, \$25.50; liability insurance, \$15.

**FED 781**  
**Pastoral Internship**  
**3 credit hours**

Supervised ministry in a local church setting to provide opportunity for development of understanding of personal ministry gifts with appropriate support and evaluation. Prerequisite: Completion of the field education requirements.  
 Course fees: Background check, \$25.50; liability insurance, \$15.

## FINANCE (FIN)

**FIN 244**  
**Personal Financial Planning**  
**3 credit hours**

Focuses on the key concepts, tools, and techniques of contemporary personal finance. Addresses financing problems 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, 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. A financial plan is required.

**FIN 303**  
**Money and Banking Finance**  
**3 credit hours**

A study of money and its functions, institutional banking, central banking, and the operational aspects of monetary policy. Also covers the definition and function of money in coordinating monetary policy; financial institutions, financial markets, and interest rates; the banking industry and its regulation; central banking and the functions of the Federal Reserve in conducting monetary policy; and the globalization of financial markets and institutions.

Prerequisites: BUS 101 and 102.

**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 102, 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, real estate. Emphasizes using Value Line Investment Survey to evaluate common stocks and Morningstar's Mutual Fund Value to evaluate mutual funds.

Prerequisite: Junior or senior status.

**FIN 428**  
**Bank Management**  
**3 credit hours**

A study of various aspects of managing a commercial bank, covering topics of interest for potential bank investors, borrowers, and lenders.

Prerequisite: FIN 338.

**FIN 438**  
**Advanced Financial Management**  
**3 credit hours**

A study of the acquisition and allocation of long-term sources of funds, emphasizing problems of measuring and influencing the cost of capital and the administration of fund-raising for nonfinancial corporations. Includes an examination of techniques to correctly consider cash-flow changes resulting from applications of long-term funds along with the effects of alternative investment decision rules.

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. (Credit received is determined by the nature and scope of the project.)

Prerequisite: Finance majors only.

**FIN 452**  
**Corporate Financial Decision Making**  
**3 credit hours**

An application of the principles learned in the basic financial management course to real-world problems. The case study method is used. Students learn to develop skills in analyzing problems and recommending solutions. Students make presentations of their recommended solutions individually and as part of a team.

Prerequisite: FIN 338.

**FIN 460**  
**International Financial Management**  
**3 credit hours**

Financial analysis and decision-making considerations of multinational corporations. Emphasis is on developing a conceptual understanding of the environmental factors that affect the decisions of financial managers in a global context.

Prerequisite: FIN 338 with a grade of "C" or better.

**FIN 472**  
**Principles of Estate Planning**  
**3 credit hours**

An overview of estate planning in light of the federal transfer tax system including federal gift taxation, federal and state estate taxation, and federal generation-skipping transfer taxation. Examines various forms of property ownership and introduces various tools and planning strategies that minimize the cost, fees, taxes, and time delays associated with the transfers of those various ownerships and the related tax implications.

## FRENCH (FRE)

**FRE 101**  
**Elementary French I**  
**4 credit hours**

A course for those desiring to begin a second language. Covers intensive oral work, grammar, and composition. (This course does not count toward the bachelor of arts language requirement, a minor, or major, but can be used for elective credit.)

Lab fee: \$30.

**FRE 102**  
**Elementary French II**  
**4 credit hours**

A continuation of FRE 101.

Prerequisite: FRE 101 or demonstrated proficiency.

Lab fee: \$30.

**FRE 203**  
**Intermediate French I**  
**3 credit hours**

Continued study of French with review of grammar and composition. Includes selected readings in addition to text. (Honors sections available.)

Prerequisite: Proficiency examination or FRE 102.

Lab fee: \$30.

**FRE 203(H)**  
**Intermediate French I**  
**3 credit hours**

Continued study of French with review of grammar and composition. Includes selected readings in addition to text.

Prerequisite: Proficiency examination or FRE 102.

Lab fee: \$30.

**FRE 204**  
**Intermediate French II**  
**3 credit hours**

An intensive practical conversational workshop.

Prerequisite: FRE 203.

**FRE 219**  
**Travel Study**  
**3 credit hours**

A three-week trip to a French-speaking country. Includes an in-depth study of French history, geography, and art as well as opportunities for ministry in many churches. Students learn everyday customs while living with French families and have an opportunity to put grammar principles to practical use. (May be substituted for FRE 203 or 204.)

Prerequisite: FRE 102 or demonstrated proficiency.

**FRE 301**  
**French Phonetics and Conversation**  
**3 credit hours**

Instruction in advanced conversation for proficiency with practical phonetics and drills for improvement of students' aural-oral skills. Focuses on particular problem areas for English speakers. (Taught in French.)

Prerequisite: FRE 204 or equivalent.

**FRE 302**  
**French Composition**  
**3 credit hours**

A course to develop writing skills using applied stylistic analysis and practical compositional exercises. (Taught in French.)

Prerequisite: FRE 301.

**FRE 303**  
**Survey of French Literature I**  
**3 credit hours**

A study of the beginnings of French literature and its development up to the time of the French Revolution. (Taught in French.)

Prerequisite: FRE 204 or equivalent.

**FRE 304**  
**Survey of French Literature II**  
**3 credit hours**

A study of the development of French literature following the Revolutionary period. (Taught in French.)

Prerequisite: FRE 204 or equivalent.

**FRE 305**  
**French Civilization and Culture**  
**3 credit hours**

A study of the historical, political, and cultural development of France with emphasis on contemporary aspects. (Taught in French.)

Prerequisite: FRE 204 or equivalent.

**FRE 306**  
**Business French**  
**4 credit hours**

A study of French in its application to business, including terminology with respect to office procedures and international marketing. (Taught primarily in French.)

Prerequisite: FRE 204.

**FRE 407**  
**Age of the Philosophers**  
**3 credit hours**

A study of French literature of the 18th century with emphasis on the philosophic and humanistic spirit in France until the French Revolution. (Taught in French.)

Prerequisite: FRE 303 or 304.

**FRE 408**  
**French Romanticism (1790-1850)**  
**3 credit hours**

A study of pre-Romantic and Romantic French literature. (Taught in French.)  
 Prerequisite: FRE 303 or 304.

**FRE 410**  
**Contemporary French Literature**  
**3 credit hours**

A study of the modern French novel, poetry, and contemporary theater of the 20th century, particularly since 1930. (Taught in French.)  
 Prerequisite: FRE 303 or 304.

**FRE 451**  
**Special Readings**  
**1-3 credit hours**

Special readings course in French to cover general or specific areas as determined by the professor to meet the need of the student.  
 Prerequisites: French major, arrangement with professor, and departmental permission.

**FRE 457**  
**Methods for Modern Language Curriculum Instruction**  
**3 credit hours**

A course designed to provide foreign language majors with concepts needed for language learning and instruction. Includes the historical background of the teaching of modern language. Discusses Foreign Language in the Elementary School (FLES), immersion programs, and issues concerning high school programs. (Crosslisted with GER 457 and SPA 457.)

**FRE 498**  
**Senior Paper Bibliography**  
**1 credit hour**

Research bibliography investigation to be completed with annotated bibliography, detailed outline, and introductory chapter of the senior paper. (This is the first of two senior paper courses.)  
 Prerequisite: French major; permission of the instructor and the department.

**FRE 499**  
**Senior Paper**  
**2 credit hours**

Directed individual study for seniors pursuing research and the writing of the required senior paper. (This is the second of the two senior paper courses.)  
 Prerequisite: FRE 498.

## GRADUATE ACCOUNTING (GACT)

**GACT 500**  
**Internship**  
**2 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.  
 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.  
 Prerequisite: GACT 527.

**GACT 529**  
**CPA Problems**  
**3 credit hours**

An accounting course designed to develop analytical ability at the professional level in several accounting areas. Includes difficult problems in each area. The analysis instructional portion of the course is tailored to student needs as evidenced by performance.

**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 technique for the preparation of consolidated statements.  
 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. Includes the relative income effects of alternative product-costing methods together with relevant cost evaluations and inventory planning and control techniques.  
 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. Uses actual records, problems, and case studies to give practical exposure to the student.  
 Prerequisite: ACT 216.

**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.  
 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 corporations and partnerships. The course includes problems that require research utilizing return preparation software and various tax reference services.  
 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 527. 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, and accounting for derivatives).  
 Prerequisites: ACT 327 or GACT 527; ACT 328 or GACT 528 is recommended, but not required.

**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.  
 Prerequisites: ACT 215, 216, and 327 with grades of C or better.

**GACT 573**  
**Estate and Gift Tax Accounting**  
**3 credit hours**

A practical continuation of GACT 571. Provides an introduction to estate and gift tax accounting. Emphasizes the Federal 706 Estate Tax Return and 709 Gift Tax Return with introductions to federal and state financial income tax returns.

**GACT 580**  
**Nonprofit Accounting and Finance**  
**3 credit hours**

An overview of accounting and finance concepts as they pertain to nonprofit organizations. Emphasizes the balance sheet, cash flow statement, and accounting and finance systems for non-financial managers, administrators, and employees of nonprofit organizations. Special consideration is given to managerial skills required to sustain and enhance the performance of nonprofit organizations through the accounting and finance process of reporting, compliance, research, analysis, interpretation, and application.

## GRADUATE ADMINISTRATION (GADM)

### **GADM 700** **Leadership Studies** **3 credit hours**

A study of the theories, nature, styles, and skills of leadership, utilizing historic and contemporary models and emphasizing moral roots of responsible leadership. Stresses those leadership techniques and strategic decisions involved in leading, managing, and transforming organizations.

### **GADM 701** **Contemporary Curriculum Issues** **3 credit hours**

An integrated study of the critical social, political, and economic issues confronting contemporary educational leaders. Emphasizes the impact of these issues on current and evolving curricular theories and practices in public and private schools.

### **GADM 703** **Comparative Education** **3 credit hours**

A study of the role of history and culture in the development of educational systems within major countries and regions of the world. Emphasizes the comparison of those systems and their achievements to that of education in the United States.

### **GADM 800** **Organizational Theory in Administration** **3 credit hours**

An examination of the nature and behavior of organizations and personnel. Reviews and applies various concepts and theoretical frameworks underlying the administration of organization to the educational setting. Prerequisites: Admission to graduate education and superintendent certification program or Ed.D. program and permission of instructor.

### **GADM 805** **The Superintendency** **3 credit hours**

An integration of theory and practice related to the roles and responsibilities of the superintendent. Emphasizes obtaining knowledge and developing skills to effectively perform the general requirements of the superintendency.

### **GADM 810** **Strategies for Educational Change** **3 credit hours**

An overview and analysis of the change process in education with emphasis on various strategies for planning and implementing change within educational organizations.

### **GADM 820** **Superintendent's Role in Personnel Management and Evaluation** **3 credit hours**

An exploration and evaluation of the relationships between administrators and other school personnel with an emphasis on the management of human resources in the educational setting. Reviews the processes, procedures, and techniques necessary for an effective personnel management program.

### **GADM 830** **Business Management Practices in Education** **3 credit hours**

An assessment of all aspects of the fiscal and resource management concepts and techniques used in the operation of educational organizations. Emphasizes the development of knowledge and skills in several areas including budgeting, purchasing, accounting, maintenance, and operations.

### **GADM 835** **Resource Development** **3 credit hours**

An extensive review of concepts and procedures utilized in the financing of private schools, Christian schools, and private colleges. Emphasizes all aspects of the operations of a development office needed for planning and conducting fundraising campaigns. (Offered online only.)

### **GADM 840** **School Facility Planning** **3 credit hours**

An in-depth review of all aspects of school physical plant operations including planning, constructing, utilizing, and maintaining school facilities. Emphasizes the preparation of administrators to plan and manage a complete school facilities program.

### **GADM 845** **Administration and Supervision of Programs for Exceptional Individuals** **3 credit hours**

A review and analysis of the characteristics, needs, and problems related to educating the exceptional learner. Emphasizes planning, implementing, supervising, and evaluating appropriate legal educational placements for exceptional individuals.

### **GADM 850** **Legal, Political, and Ethical Issues in Educational Administration** **3 credit hours**

An integral analysis of the historical and contemporary legal, political, and ethical issues of public and private schooling, with an emphasis on national and state constitutional provisions, the political environment, laws, and court cases. Explores political, social, economic, and multicultural factors in the context of educational organizations and their constituent communities.

### **GADM 855** **Instructional Theory and Practice** **3 credit hours**

An analysis of the theory and philosophy of selected instructional strategies in both public and private schooling. Applies research based principles and practices to the evaluation of teaching and learning.

### **GADM 860** **Instructional Technologies in Education** **3 credit hours**

A review of the historical background, current issues, and future trends influencing the theoretical and practical uses of instructional technology. Uses a systematic approach stressing selection, evaluation, and classroom integration of instructional technology into the teaching and learning process. (Offered online only.)

### **GADM 865** **Education in the Adult Lifespan** **3 credit hours**

An introduction to the concepts and experiences related to the physical, psychological, emotional, cognitive, social, and spiritual development of the individual from young adulthood to maturity. Includes developmental issues related to the self, family, society, work, retirement, aging, and death.

### **GADM 870** **Quantitative Research** **3 credit hours**

Covers the creation and analysis of quantitative data used to carry out the objectives of research. Emphasizes the assumptions of the various methods, the relationship between the given method and the level(s) of measurement of the independent and dependent variables, and the relationship of research design to the given analytical method.

### **GADM 875** **Qualitative Research** **3 credit hours**

Designed to acquaint the student with qualitative methods commonly used in educational research. Emphasis is on design features, scholarly rigor, and evaluation of selected studies. Students also implement data collection and analysis for a selected qualitative method. (Offered online only.)

### **GADM 880** **Practicum in International Education** **3 credit hours**

Provides the student with the opportunity to become involved in a program of international education, which allows interaction with the peoples and culture of a specific region. Emphasis includes the historical, philosophical, cultural, and political aspects of this society as it relates to the education of its citizenry. The course enables the student to develop a mission-oriented and Biblically based worldview relative to the education of children and adults. Prerequisites: Acceptance into the graduate program and permission of the professor.

### **GADM 882** **Holy Spirit in Education** **2 credit hours**

An inquiry into and an examination of Spirit-directed education. The role of the Holy Spirit in education is viewed from both a historical and a current perspective. Studies the application of the person, function, and gifts of the Holy Spirit in education and the Christian distinctives of the educational process, along with the roles that the Church, schools, colleges, and universities play in the learning processes.

### **GADM 885** **Internship in Educational Leadership** **1-3 credit hours**

Specifically structured to permit interns to integrate theory and practice in a field-based setting under the guidance of an experienced cooperating administrator serving as a mentor. Provides the intern with a variety of meaningful leadership experiences in actual school-based settings. The experiences are coordinated by the University supervisor in consultation with the cooperating administrator.

**GADM 900**  
**Doctoral Dissertation**  
**8 credit hours**

The research (either a qualitative or quantitative) and writing of a dissertation that reports, evaluates, interprets, and synthesizes the results of that research. The purpose of the dissertation is to produce new knowledge, new materials, or new methods in the student's field of specialization. The project is to be meaningful to the student and provide evidence of familiarity with past and current research in the field.

Prerequisites: Acceptance and approval of the dissertation prospectus by the candidate's dissertation committee, the chair of the Graduate School of Education, and the Dean of the School of Education.

**GADM 901**  
**Dissertation Prospectus Seminar**  
**1 credit hour**

Designed to provide the doctoral student with guidelines, requirements, and procedures for completion of written and oral doctoral comprehensive examinations and for preparing the prospectus for the dissertation to be submitted for approval by the student's Doctoral Advisory Committee, the Graduate Chair, and the Dean of the School of Education. The course also gives instruction on writing and defending the doctoral dissertation, as well as steps leading through graduation.

Prerequisites: Completion of doctoral core and research courses; admittance to the doctoral program; advisor's approval; a signed Statement of Understanding for the Procedures and Requirements of the Ed.D.

**GADM 920**  
**Directed Study**  
**1-3 credit hours**

Allows students to pursue relevant educational literature and to conduct research projects that pertain to their degree programs and special interests. It also provides opportunities for the students to examine existing studies, reports, and documents relevant to an area of interest and combine them into an insightful paper or a project.

Prerequisites: Doctoral standing and permission of the professor.

## GRADUATE BIBLICAL LITERATURE (GBIB)

**GBIB 500**  
**Greek Synthesis I**  
**3 credit hours**

An introduction to the forms and functions of the nominal and verbal systems of New Testament Greek. Emphasizes vocabulary building and basic translation. (This is the first of two courses.)

**GBIB 501**  
**Greek Synthesis II**  
**3 credit hours**

A continuation of GBIB 500. An introduction to the structure and functions of clauses focusing upon the significance of grammatical forms and translation of portions of the Greek New Testament.

Prerequisite: GBIB 500.

**GBIB 505**  
**Introduction to Old Testament Literature**  
**3 credit hours**

A historical-thematic survey of the Old Testament. Examines the content of the Old Testament, with emphasis on the cultural, historical, and geographical background to the text.

**GBIB 506**  
**Introduction to New Testament Literature**  
**3 credit hours**

A historical-thematic survey of the New Testament. Examines the content of the New Testament, with emphasis on the cultural, historical, and geographical background of the text.

**GBIB 507**  
**Biblical Hermeneutics**  
**3 credit hours**

A study of the problems and methods of Biblical interpretation, including the factors of presuppositions, grammatical relationships and historical context, vocabulary, and figurative language.

**GBIB 510**  
**Hebrew Synthesis I**  
**3 credit hours**

A basic introduction to Biblical Hebrew. Includes a survey of grammar, morphology, and syntax, taught by a combined inductive and deductive method. As the grammatical elements are learned, they are applied through the reading of Biblical passages.

**GBIB 511**  
**Hebrew Synthesis II**  
**3 credit hours**

A continuation of Hebrew Synthesis I with an increasing emphasis on reading the Hebrew text of the Old Testament. It completes the student's preparation for basic Hebrew exegetical and hermeneutical study of the Old Testament.

Prerequisite: GBIB 510.

**GBIB 513**  
**General Epistles**  
**3 credit hours**

An exegetical study in the English texts with the best possible aids to deduce their meaning and relevance for the contemporary church and society.

**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. Emphasizes concepts such as Messiah, resurrection, tribulation, millennium, judgment, signs of the times, and Kingdom of God.

**GBIB 517**  
**Paul: Mission and Message**  
**3 credit hours**

A study of the life, missionary journeys, and major theological themes of the Apostle Paul evidenced in his letters and Acts. Includes application to the contemporary church.

**GBIB 551**  
**Old Testament Synthesis**  
**3 credit hours**

An introduction to the critical areas of Old Testament

study. Includes some background in history and geography.

**GBIB 552**  
**Historical Geography of Palestine**  
**3 credit hours**

A study of the geography and history of Palestine since antiquity, especially in relation to the nation of Israel and the Early Church. Includes study of other civilizations as they relate to Palestine.

**GBIB 556**  
**Jesus in the Synoptic Gospels**  
**3 credit hours**

A study of the Synoptic Gospels designed to enhance understanding of the person, message, and mission of Jesus in His Jewish milieu. Includes the distinctive aspects of each evangelist's portrayal of Jesus.

**GBIB 561**  
**Old Testament Hermeneutics and Exegesis (Hebrew)**  
**3 credit hours**

An exegetical study of selected Old Testament passages. Involves sound exegetical method and critical problems and hermeneutics of the passages. Includes doctrinal significance.

Prerequisites: GBIB 511 and proficiency in Hebrew as demonstrated by examination PRF 052

**GBIB 571**  
**New Testament Synthesis**  
**3 credit hours**

Examines the content of each document in the New Testament canon, a collection of texts that possesses unity and diversity of message. Each text is carefully studied by examining its cultural and historical background.

**GBIB 573**  
**I Corinthians**  
**3 credit hours**

An exegetical course that focuses on the contextual interpretation and contemporary application of insights and themes in the epistle. (Satisfies the prerequisite for any upper-level English Bible course.)

**GBIB 581**  
**New Testament Hermeneutics and Exegesis (Greek)**  
**3 credit hours**

An exegetical study of selected New Testament passages. Involves sound exegetical method and critical problems and hermeneutics of the passages. Includes doctrinal significance.

Prerequisite: GBIB 501 and proficiency in Greek as demonstrated by examination PRF 053.

**GBIB 583**  
**The Parables of Jesus in Their Jewish Context**  
**3 credit hours**

An examination of the parables of Jesus in light of their Jewish background. Studies rabbinic parables to understand the teaching methods of Jesus. Includes cultural, historical, and theological settings of the Gospel parables in light of the teachings of the Jewish people during the period.

**GBIB 589**  
**History and Culture of New Testament Times**  
**3 credit hours**

Studies in the historical-cultural backgrounds of the

New Testament. Focuses on the distinctiveness of New Testament Christianity as well as the historical and cultural forces at work in its development.

**GBIB 608**  
**Eighth Century Prophets**  
**3 credit hours**

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

**GBIB 609**  
**Exilic Prophets**  
**3 credit hours**

A study of the Hebrew prophets immediately before, during, and after the Exile. Emphasizes the effects of the Exile experience.  
Prerequisite: GBIB 505 or 551.

**GBIB 611**  
**Theology of the Old Testament**  
**3 credit hours**

A survey of the major doctrines of the Old Testament with special reference to their historical development within the political and religious institution of ancient Israel. (Required of all M.A. candidates with a Biblical studies concentration.)  
Prerequisite: GBIB 505 or 551.

**GBIB 618**  
**Matthew (Greek)**  
**3 credit hours**

An advanced course in reading and grammar. Examines the Greek text of the Gospel of Matthew and emphasizes vocabulary, syntax, and grammar. Analyzes the style of Matthew and considers Semitisms, Greek idioms, and the background of the Gospel text. The grammar is studied inductively as the need arises in the reading and the translation of the text.  
Prerequisite: GBIB 581.

**GBIB 619**  
**Romans (English)**  
**3 credit hours**

Exegesis of the epistle with emphasis on the central theological themes and their relevance and application to issues of the contemporary church.

**GBIB 621**  
**Theology of the New Testament**  
**3 credit hours**

A study of major themes and doctrines contained in the New Testament. Emphasizes the contributions of the various Biblical books to the unity of the New Testament.  
Prerequisite: GBIB 506 or GBIB 571.

**GBIB 623**  
**Galatians and James: Law and Gospel**  
**3 credit hours**

An exegetical study focusing upon Galatians and James. Emphasizes the relationship between Law and Gospel and the ethical implications derived from these two distinct expressions of the Christian faith.

**GBIB 624**  
**Luke**  
**3 credit hours**

An exegetical study of Luke's version of the message and mission of Jesus. Gives attention to both Jesus'

Jewish context and Luke's presentation to the Gentiles. Includes application of central themes to the modern world and church.

**GBIB 625**  
**Gospel and Letters of John**  
**3 credit hours**

Exegesis of the Gospel and letters of John with explanation of the major theological themes and contemporary application.

**GBIB 626**  
**The Book of Acts**  
**3 credit hours**

An exegetical study of the book of Acts with emphasis on major historical developments and theological themes contained in the text. Considers the composition, structure, and historical milieu of the book in preparation for the exegesis. Includes application and assessment of the exegetical insights for the contemporary church.

**GBIB 628**  
**Patterns of Ministry in the New Testament**  
**3 credit hours**

An examination of the Biblical pattern of ministry as revealed in pertinent New Testament passages and in the practices of representative ministries, particularly that of Paul.  
Prerequisite: GBIB 506 or 571.

**GBIB 630**  
**Pastoral Epistles**  
**3 credit hours**

An intensive study of the epistles to Timothy and Titus, with special reference to the doctrinal teaching and the Church's situation as reflected in these writings. Includes critical problems pertaining to authorship, historical background, and contemporary application of the teachings of these epistles.  
Prerequisite: GBIB 506 or 571.

**GBIB 632**  
**Isaiah (Hebrew)**  
**3 credit hours**

An advanced reading and grammar course. Emphasizes vocabulary, syntax, and grammar. The grammar is used inductively as the need arises in the reading and translation of the text. Selected texts are translated and examined grammatically and historically in order to acquaint the student with the style, literary genre, and doctrine of the book.  
Prerequisites: GBIB 561.

**GBIB 633**  
**Pentateuch (Hebrew)**  
**3 credit hours**

Concentrates on selected passages from the Pentateuch. Emphasizes exegetical methods and grammar. Gives attention to critical problems.  
Prerequisites: GBIB 561.

**GBIB 634**  
**Wisdom Literature**  
**3 credit hours**

An examination of the origins of the Wisdom tradition and the adaptation of the tradition within the faith of Israel. A study of the literary sources illustrates the relationship between Old Testament Wisdom and the universal wisdom traditions of the ancient Near East.  
Prerequisites: GBIB 505 or 551.

**GBIB 635**  
**Theophanies/Hebrew Scripture (Hebrew)**  
**3 credit hours**

An intermediate-level course in reading and grammar. Emphasizes vocabulary, syntax, and grammar. The grammar is studied inductively as the need arises in the reading and translation of the texts. Selected texts are translated and examined grammatically and historically in order to acquaint the student with the language, style, and literary genres of theophanies in the Hebrew Scriptures.  
Prerequisites: GBIB 561.

**GBIB 636**  
**Exodus (Hebrew)**  
**3 credit hours**

An advanced Hebrew reading class. Studies selected texts from the Book of Exodus in light of their historical and cultural background. The student is encouraged to develop linguistic skills as the questions of Hebrew grammar are examined.  
Prerequisites: GBIB 561.

**GBIB 637**  
**Deuteronomy (Hebrew)**  
**3 credit hours**

Concentrates on the oral reading and interpretation of the Hebrew text of the book of Deuteronomy.  
Prerequisites: GBIB 561.

**GBIB 645**  
**Biblical Archaeology**  
**3 credit hours**

An introduction to the purpose and methods of archaeology and a study of selected sites in western Asia and the Aegean. Stresses the significance of these excavations for Biblical study.

**GBIB 646**  
**Ancient Near East Civilization**  
**3 credit hours**

A study of civilization in the Near East from the rise of Mesopotamia and Egypt to the end of the first century A.D. Emphasizes the geography, history, writing, art, and institutions of this period. Focuses on western Asia and the Mediterranean.

**GBIB 648**  
**Israel Travel Seminar**  
**3 credit hours**

Explores the land of the Bible through field experience, expert guiding with scholarly precision, and directed study of the cultural background of early Christianity. Students participate in a specialized tour of the Holy Land as they study the Bible.

**GBIB 657**  
**Old Testament History**  
**3 credit hours**

A course designed to examine ancient Israel in its historical and cultural milieu. Focuses on the period from the Patriarchs to the fall of Jerusalem to the Babylonians. Includes the origin and development of Israel's political and religious institutions.  
Prerequisites: GBIB 505 or 551.

**GBIB 663**  
**Syriac**  
**3 credit hours**

A study of Syriac, also called "Christian" Aramaic. Because of its close relationship to the Aramaic portions of the Masoretic text of the Old Testament, the study of Syriac provides a valuable introduction to both

Old and New Testament studies.

Prerequisite: Proficiency in Hebrew. PRF 052.

**GBIB 676**  
**Pauline Theology and Early Jewish Thought**  
**3 credit hours**

Examines the cultural and historical background to the life and teachings of Paul the Apostle. Focuses on Paul's cultural environment and the early Jewish sources, which can shed light on his thought and teachings.

Prerequisite: GBIB 506 or 571.

**GBIB 682**  
**Synoptic Gospels (Greek)**  
**3 credit hours**

Concentrates on Jesus—the man, the mission, and the message—revealed in the Synoptic Gospels (Greek). Various hermeneutical approaches and interpretations are considered in aiding the student to fashion his or her own understanding. Discusses the relevance of Jesus and His mission and message for the student, church, and society today.

Prerequisite: GBIB 581.

**GBIB 683**  
**Mark (Greek)**  
**3 credit hours**

Translation and exegesis of selected pericopes concerning the authoritative person, teachings, and deeds of Jesus. Gives attention to Mark's unique portrayal of Jesus to readers in his church and today.

Prerequisites: GBIB 571 and 581.

**GBIB 684**  
**Charismata in Early Christianity**  
**3 credit hours**

A study of the significance and function of charismata in early Christianity, focusing on the cultural background of the Early Church and the texts of the Old and New Testaments, post-Biblical Jewish sources, and the Apostolic Fathers.

**GBIB 688**  
**The Jewish Background to the Gospels**  
**3 credit hours**

A study of the historical, cultural, and religious background to the life and teachings of Jesus in light of early Jewish sources. Examines post-Biblical Jewish literature to gain fresh insights into the Gospels and message of Jesus.

Prerequisite: GBIB 506 or 571.

**GBIB 692**  
**Parables of Jesus**  
**3 credit hours**

Scientifically examines the cultural and historical background to parables of Jesus as presented in the texts of the Gospels. Includes rabbinic parables and other early Jewish sources that can shed light on the teachings of Jesus. Studies the parables, taken from popular oral teaching, as a unique genre in literature.

Prerequisite: GBIB 506 or 571.

**GBIB 697**  
**Jewish and Christian Prayer in the Time of Jesus**  
**3 credit hours**

A study of the form, content, and structure of prayers in their historical context as prayed by the Jewish people and the Early Church. Examines the prayers of Jesus and the Early Church in light of Jewish prayers and

blessings in the rabbinic literature, the Pseudepigrapha, the Apocrypha, and the Dead Sea Scrolls.

Prerequisite: GBIB 506 or 571.

**GBIB 704**  
**Psalms (Hebrew)**  
**3 credit hours**

An exegetical study of selected representative Psalms. Includes a study of the principles of Hebrew poetry and the general structure and content of the Psalter. Emphasizes their theological significance and value for Christian living and worship.

Prerequisite: GBIB 561.

**GBIB 712**  
**Akkadian**  
**3 credit hours**

An introduction to the fundamentals of Akkadian, a cognate language to Hebrew. An inductive approach using the Code of Hammurabi. Designed to help the student better understand the culture and literature of the Ancient Near East and the background of the Old Testament.

**GBIB 714**  
**Ugaritic**  
**3 credit hours**

An introduction to the Ugaritic language and literature of ancient Ugarit in Northern Syria. Includes reading Ugaritic epics and myths and analyzing their influence on the poetry and prose of the Bible.

**GBIB 715**  
**The Bible and Midrash (Hebrew)**  
**3 credit hours**

An advanced Hebrew reading course designed to teach the student basic translation skills for Mishnaic Hebrew and introduce the student to Qumranic Hebrew. Includes selected reading from rabbinic literature and the Dead Sea Scrolls.

Prerequisite: GBIB 561.

**GBIB 729**  
**Colossians/Ephesians (Greek)**  
**3 credit hours**

A course designed to be primarily a translation and detailed exegesis of the original text of these epistles, with special attention given to grammar, interpretation, and application. Examines the composition, authorship, interrelationships, and purposes of the two letters in their historical settings in preparation for the exegesis.

Prerequisite: GBIB 581.

**GBIB 744**  
**Septuagint (Greek and Hebrew)**  
**3 credit hours**

An introduction to the Septuagint version of the Old Testament. Includes an overview of its history, importance for textual studies, influence upon other versions of the Bible and on the New Testament, and its distinctive theological presuppositions.

Prerequisites: GBIB 561 and 581; and Greek and Hebrew language proficiencies (PRF 052 and 053).

**GBIB 747**  
**Dead Sea Scrolls (Hebrew)**  
**3 credit hours**

Readings in the materials from the Judean Desert. Includes their contributions to the understanding of Judaism 200 B.C. to A.D. 100 and early Christianity.

Prerequisite: GBIB 561.

**GBIB 749**  
**Directed Study**  
**1-3 credit hours**

A directed course of research and writing under the supervision of a faculty member. Topics must be approved by the professor, advisor, and academic dean and related to the use of practical theology.

Prerequisite: Permission of instructor.

**GBIB 754**  
**Coptic Studies**  
**3 credit hours**

A study of the Sahidic dialect of Coptic. Instruction focuses on grammar, syntax, and vocabulary. Students study Christian literature from the 4th century A.D.

Prerequisite: Admission to the academic master of arts program.

**GBIB 755**  
**Classical Egyptian**  
**3 credit hours**

A study of the fundamentals of the language of the hieroglyphs. Concentrates on the hieroglyphic script and writings from the Middle Kingdom period.

Prerequisite: GBIB 511.

**GBIB 756**  
**Thesis Research**  
**1 credit hour**

Directed individual systematic research in preparation for the writing of a thesis.

Prerequisite: Admission to the Master of Arts in Biblical Literature program.

**GBIB 757**  
**Thesis Writing**  
**2 credit hours**

Directed individual systematic research culminating in the writing of a thesis.

Prerequisites: GBIB 756; Admission to the Master of Arts in Biblical Literature program.

**GBIB 761**  
**Advanced Syriac**  
**3 credit hours**

A critical comparison of the Greek and Syriac texts of the Gospels. This is a research course with special attention given to the issue of Greek translation.

Prerequisites: GBIB 663, Proficiency in Hebrew PRF 052 and Proficiency in Greek 053.

**GBIB 764**  
**Biblical Aramaic**  
**3 credit hours**

An inductive and deductive study of the Aramaic portions of the Old Testament, with emphasis on grammar and translation.

Prerequisite: GBIB 511 or 561; Proficiency in Hebrew PRF 052.

**GBIB 766**  
**Introduction to Rabbinic Thought and Literature**  
**3 credit hours**

An introduction to the field of Rabbinical Studies.

Prerequisite: GBIB 551 or 571.

**GBIB 767**  
**Seminar in Old Testament**  
**3 credit hours**

A course focusing on various aspects of Old Testament studies. Topics vary.

**GBIB 768****Epistle to the Hebrews  
3 credit hours**

A study of the message of the book with consideration of its Old Testament parallels, Jewish-Christian perspective, and relationship to the Pauline corpus.

Prerequisites: GBIB 506, 571 or 581.

**GBIB 769****Seminar in New Testament  
3 credit hours**

Investigation of selected contemporary issues in New Testament studies.

Prerequisites: GBIB 506, 571 or 581.

**GBIB 772****Charismata in the New Testament  
3 credit hours**

Exegetical study of central passages that concern the various manifestations of the Holy Spirit.

Prerequisite: GBIB 506 or 571.

**GBIB 774****Jewish Apocalyptic Literature  
3 credit hours**

Examines the cultural setting and the historical circumstances that gave rise to the Jewish apocalyptic. Studies selected apocalyptic literature from the Old Testament as well as the Apocrypha and Pseudepigrapha.

Prerequisite: GBIB 551 or 571.

**GBIB 777****Exegesis of Romans (Greek)  
3 credit hours**

An advanced English Bible 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.

## GRADUATE BUSINESS (GBUS)

**GBUS 500****Internship  
2 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****Graduate Business Communications  
2 credit hours**

Designed to expose graduate students to all areas of business communications and show that it is not an isolated unit of learning but that it is a universal activi-

ty. Specifically aims to cultivate and refine a repertoire of basic essentials of communications. Includes a review of grammar, punctuation, capitalization, numbers, spelling, and business vocabulary. Includes instruction in letter and report writing.

Prerequisite: Permission of department.

**GBUS 549****Legal Issues of Human Resource Management  
2 credit hours**

Details the legal background necessary for senior human resource officials to function effectively within the boundaries set by law. Employment-related legislation, legal precedent, and the Supreme Court of the United States' interpretation of law are the focal points of the course.

Prerequisite: Graduate or senior standing.

**GBUS 550****Legal Issues of Nonprofit Organizations  
2 credit hours**

Provides the students with a basic grounding in the laws and regulations governing nonprofit organizations. Includes procedures for incorporating, reporting, and maintaining tax-exempt status as a nonprofit organization, a familiarity with legal principles and research methods, and an overview of the legal, regulatory, and policy issues facing contemporary nonprofit organizations.

**GBUS 556****Personal Financial Planning  
2 credit hours**

Focuses on the key concepts, tools, and techniques of contemporary personal finance. Addresses financing problems as a result of the lack of management rather than lack of money. Discusses methods to avoid financial problems, such as the time value of money, the importance of saving, correct use of credit, use of credit cards, the establishment of financial goals, whether to rent or purchase a house, how to reduce the costs of automobile and life insurance, and how to purchase an automobile. A financial plan is required.

**GBUS 565****Strategic Management  
2-3 credit hours**

The capstone course of the M.B.A. and M.Mgt. programs. Emphasizes the integration of accounting, finance, management, and marketing within the framework of policy, organization and behavioral theory, problem identification, decision making, oral and written skills, strategy, confidence, and the ability to develop positive corrective-action techniques. (3 credit hours for M.B.A. students; 2 credit hours for M.Mgt. students) Prerequisites for M.MGT. students: GMGT 561, GBUS 504, and GMKT 564 with a grade of C or better; completion of 18 hours toward the Master of Management Degree with a cumulative GPA of 3.0 or better; and capability of creating case presentations using multimedia computer software.

Prerequisites for M.B.A. students: GMGT 561, GACT 562, GFIN 563, and GMKT 564 with a grade of C or better and capability of creating case presentations using multimedia computer software.

Corequisite: GBUS 566, for M.B.A. students only.

**GBUS 566****Management Simulation  
1 credit hour**

A capstone course emphasizing the integration of the following areas: accounting, finance, management, and

marketing within the framework of policy, organizational and behavioral theory, problem identification, decision-making, oral and written skills, strategy, confidence, and the ability to develop positive corrective-action techniques. Instruction is provided through individual case presentations and a management simulation problem.

Prerequisite: Permission of instructor.

Corequisite: GBUS 565.

**GBUS 572****Business Ethics  
2 credit hours**

A study of the interrelationships among individuals, business firms, service industries, nonprofit organizations, churches, and government in American society. Focuses on the issues and problems that confront the leaders exercising social responsibility and examines the nature and objectives of selected public policies impinging on business. Includes a comprehensive analysis and synthesis of philosophies that determine cultural values and an evaluation in terms of the student's own personal value system. Addresses management's role in upholding Christian principles as it interacts with government and society.

**GBUS 573****Business, Government, and Society  
2 credit hours**

A survey of the interrelationship among business, government, and society and how this interrelationship influences modern business decisions. Emphasizes active participation in the "Executive On Campus" series. Students are expected to have significant and meaningful interaction with business, governmental, and societal leaders presenting throughout the series.

**GBUS 582****Economic Theory  
3 credit hours**

Analysis of the basic premises of both macroeconomic and microeconomic theory, including production, price, distribution, and interrelationships with the national economy. Emphasizes applications in managerial economics and economic forecasting.

Prerequisites: BUS 101 and GBUS 585.

Business technology fee: \$25.

**GBUS 585****Data Analysis, Statistics, and Decision Modeling  
3 credit hours**

A study of the use of computer applications to improve business 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.

Prerequisites: Prior computer course and permission of Graduate Business Department.

Business technology fee: \$25.

**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 GBUS 585 are used to perform statistical analysis.

Prerequisite: GBUS 585.

Business technology fee: \$25.

**GBUS 599****Research****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.

## GRADUATE CHRISTIAN SCHOOL EDUCATION (GCSE)

**GCSE 511****Christian Worldview in the 21st Century****3 credit hours**

A study of the Christian worldview and how it should form the conceptual foundation for human thought and action within a culture of competing worldviews. In a time of growing anti-intellectualism in the church and marginalization of Christianity in society, this course provides the understanding necessary to effectively communicate the truth of Christianity so that society can be transformed. Addresses practical application of Biblical principles to current cultural issues. (Crosslisted with IS 301.)

**GCSE 533****Survey of Christian School Curriculum****3 credit hours**

An examination of the major Christian publishing houses offering total subject curricula, as well as noteworthy Christian curricula in selected subject areas. Includes instruction in the role of curriculum materials in the Christian schools and strategies for their selection, implementation, development, and maintenance. (Offered in Summer Institute only.)

**GCSE 603****Guidance and Counseling in the Christian School Setting****3 credit hours**

A survey course designed to introduce the student to a Christian school guidance program. The student learns about the needs, design, facets, and effective means of implementing a program. (Offered by correspondence only.)

**GCSE 613****Organization and Administration of Christian Schools****3 credit hours**

Defines and analyzes the administrator's role in Christian schools. Gives attention to developing the leadership competencies needed for organizing, administering, supervising, and evaluating educational personnel and programs. Includes simulated problem-solving.

**GCSE 643****Issues in Education****3 credit hours**

A study of current issues in education. Focuses on those significantly affecting national, international, public, and private schools, and emphasizes analyzing the current and future roles of Christian school education and educators. Includes, but is not limited to, the following topics: Christian school challenges; personal/

professional issues affecting classroom teachers; legal and societal pressures; the changing scene in the public sector; and state, national, and global concerns and influences in education. Specific topics may vary from year to year. (Offered online only.)

**GCSE 673****Internship (Curriculum)****3 credit hours**

Examines the effectiveness of current curricula through active participation in innovative elementary Christian schools. Provides opportunities to create unique designs.

**GCSE 683****Internship (Administration)****3 credit hours**

Provides opportunities to observe Christian school educational programs and to integrate theories of administration with administrative practices. Each student is assigned to a practicing administrator in a model Christian school.

**GCSE 690****Directed Study****1-3 credit hours**

Directed individual or group study in the area of Christian school education.

**GCSE 693****Thesis****3 credit hours**

Provides culminating experience for the M.A. in Education candidate. The candidate conducts a special investigation of an approved problem using appropriate research methods, submits the written thesis, and orally defends it in the presence of the candidate's thesis committee. The thesis must be original in the field of education and original with the candidate. Prerequisites: Completion of a prospectus and arrangement with the chair of the student's thesis committee.

**GCSE 713****Educational Leadership and Supervision****3 credit hours**

A presentation of Biblical principles and practices of leadership and supervision within the context of improving instruction, enhancing outcomes of learning, and developing relationship skills. Covers characteristics of leaders, significance of vision and supervision, analysis of teacher effectiveness, and survey of staff development programs. Stresses assessment of personal attributes of leadership and application of leadership strategies. (Offered in Summer Institute only.)

**GCSE 723****Organization and Administration of Postsecondary Schools****3 credit hours**

Examines the scope of the organization and administration of higher education institutions. Helps professionals in higher education develop and refine competencies that can enhance administrative skills and performance. It is designed to help those active in administrative processes and functions in higher education institutions, regardless of size, to survive and prosper in the 21st century.

**GCSE 733****Characteristics of the Adult Learner****3 credit hours**

An overview of elements related to educational

approaches to adult education. The needs of adult learners such as development, social, and spiritual are considered in light of contemporary theories of education. Emphasizes Biblical principles and perspectives of discipleship and leadership training and the ministry of the local church. (Offered online only.)

**GCSE 743****Curriculum Survey and Design for Postsecondary Schools****3 credit hours**

An examination of the design, management, and evaluation of curriculum for post-secondary schools, including Bible schools, institutes, and colleges. Emphasizes the relationship between the curriculum and the mission of the institution. (Offered in Summer Institute only.)

## GRADUATE EARLY CHILDHOOD EDUCATION (GECE)

**GECE 503****Foundations of Early Childhood Education****3 credit hours**

An overview of the field of early childhood education. Topics include the history of childhood and early childhood education, theories that are being applied in the education and care of young children, and special areas of concern for the early childhood professional, such as developmentally appropriate practice, advocacy, and ethics. Also includes organizations for early childhood professionals. (Offered by correspondence only.)

**GECE 513****Early Childhood Program Development****3 credit hours**

Focuses on the knowledge needed by the childcare professional for the development and administration of an effective early childhood program. Topics include current program models, organization of the early childhood program, state regulations for licensing and accreditation, administration, and curriculum development. (Offered in Summer Institute only.)

**GECE 523****Cognitive Development in the Young Child****3 credit hours**

An examination of theoretical and practical aspects of cognitive development. Advanced cognitive theory is presented from the perspectives of Piaget, Vygotsky, and information processing. Discusses other theories and their implications for curriculum development and implementation. Gives practical application of cognitive development knowledge in the social studies, science, and mathematics. (Crosslisted with ECE 323.) (Offered in Summer Institute only.)

**GECE 533****Motor Skills, Health, and Nutrition****3 credit hours**

Focuses on physical needs of the young child. Means for supporting motor development in the child are identified through a study of playground design and management, games, and activities. Examines special

health needs and problems of the young child, along with safety and nutritional considerations for parents and professionals in the field of early childhood education. (Offered by correspondence only.)

**GECE 543**  
**Guidance for the Young Child/Child and Family in the Social Context**  
**3 credit hours**

A study of the social and emotional development of the young child. Methods for effective management of children with both normal behavior and special problems are investigated. Explores means through which teachers can work as partners with parents and the community. Gives attention to the differing needs and goals of culturally diverse communities within the general population. (Offered in Summer Institute only.)

**GECE 552**  
**Creative Arts and the Young Child**  
**2 credit hours**

A survey of creativity and an examination of basic principles of art and music. Discusses methods and materials for encouraging artistic development of young children. (Offered in Summer Institute only.)

**GECE 563**  
**Language and Literacy Development**  
**3 credit hours**

Focuses on language development and the literacy skills associated with them. Includes development of communication techniques and associated symbol use for children from infancy through age eight. Emphasizes ways the child actively attempts to discover communication through the written word and the process through which reading can be made a communicative process for children in the lower grades. Includes discussion of techniques that teachers can use to support a child's discovery of literacy. (Offered in Summer Institute only.)

**GECE 583**  
**Directed Study**  
**1-3 credit hours**

Individual research on a topic relevant to the student's area of study.

Prerequisite: Arrangement with a faculty member.

## GENERAL STUDIES (GEN)

**GEN 099**  
**ePortfolio: The Journey to a Transformed Life**  
**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.

Course fee: \$70 to initiate e-portfolio account; \$20 annual renewal.

**GEN 101**  
**Prior Learning Assessment**  
**3 credit hours**

A study designed to assist the student seeking college credit for prior learning experiences. Defines experiential learning and examines the steps of the assessment process. Guides the student through the first draft of a prior learning assessment portfolio. (The course is a prerequisite to applying for prior learning assessment

and credit. Offered only through the SLLE's External Degree Program.)

**GEN 105**  
**Critical Thinking in the Liberal Arts**  
**1 credit hour**

Focuses on the development of the critical thinking skills needed for success in a student's calling in life. Prerequisite: Permission of instructor.

**GEN 111**  
**University Success**  
**2 credit hours**

Combines theory and practice in learning skills needed for success in college and life, such as study skills, time management, building relationships, and managing money.

**GEN 113**  
**Study Skills**  
**3 credit hours**

A study designed to acquaint the student with the nature of the external degree approach and format and with various study strategies. Also acquaints the student with the nature, philosophy, and lifestyle of ORU. (Offered only through the SLLE's External Degree Program.)

**GEN 499**  
**Senior Paper/Project**  
**3 credit hours**

An independent research paper or project completed under the direction of a faculty advisor. The student prepares a senior paper/project related to the learning experiences and purpose of the student's individualized liberal studies degree program. A senior paper may consist of independent research and analysis, expository writing on issues related to the area(s) of concentration, or a description and analysis of approved field experiences. With the approval of the faculty advisor, an appropriate project may be submitted in lieu of the senior paper (e.g., in the areas of performance, production, or original writing and development. (Offered only through SLLE's External Degree Program.)

## GEOGRAPHY (GEO)

**GEO 201**  
**Principles of Earth Science Lecture**  
**3 credit hours**

An introduction to earth sciences: geology, oceanography, geomorphology, and meteorology. Discusses the processes at work within the earth, on the surface, and in the air and oceans. Emphasizes plate tectonic theory. (Crosslisted with PSC 201 Lecture.)

Corequisite: GEO 201 Lab.

**GEO 201**  
**Principles of Earth Science Laboratory**  
**1 credit hour**

Lab exercises to supplement GEO 201 Lecture. (Crosslisted with PSC 201 Lab.)

Corequisite: GEO 201 Lecture.

Lab fee: \$30.

**GEO 307**  
**Cultural Geography**  
**3 credit hours**

Study of the interrelationships between humanity and the environment. Discusses the present distribution of humans as a cultural history process involving the

availability and the use or abuse of cultural and natural resources. (This is the recommended geography course for teacher certification in social science.)

**GEO 350**  
**Environmental Geography**  
**3 credit hours**

A study of human ecology focusing on problems created by human habitation of and interaction with the earth. Topics include culture, ecology, population, resources, food, energy, and pollution. Also considers social, economic, political, and ethical issues. (Crosslisted with PSC 350.)

Prerequisite: One semester of lab science or permission of the instructor.

## GERMAN (GER)

**GER 101**  
**Elementary German I**  
**4 credit hours**

A course for those desiring to begin a second language. Involves intensive oral work and an introduction to reading, writing, and speaking. (This course does not count toward the bachelor of arts language requirement, a minor, or major but can be used for elective credit.)

Lab fee: \$30.

**GER 102**  
**Elementary German II**  
**4 credit hours**

Continuation of GER 101.

Prerequisite: GER 101 or demonstrated proficiency.

Lab fee: \$30.

**GER 203**  
**Intermediate German I**  
**3 credit hours**

Continued practice in German with review of grammar and composition. Includes selected readings in addition to the text.

Prerequisite: Proficiency examination or GER 102.

Lab fee: \$30.

**GER 204**  
**Intermediate German II**  
**3 credit hours**

An intensive and practical conversational workshop.

Prerequisite: GER 203.

**GER 301**  
**German Phonetics and Conversation**  
**3 credit hours**

Instruction in advanced conversation for proficiency with practical phonetics and drills for improvement of students' aural-oral skills. Focuses on particular problem areas for English speakers.

Prerequisite: GER 204 or equivalent.

**GER 302**  
**German Composition**  
**3 credit hours**

The development of writing skills through applied stylistic analysis and practical compositional exercises.

Prerequisite: GER 301.

**GER 303**  
**Survey of German Literature I**  
**3 credit hours**

A study of German literature from its beginning to 1750.

Prerequisite: GER 204 or equivalent.

**GER 304****Survey of German Literature II  
3 credit hours**

A study of German literature from 1750 to the 20th century.

Prerequisite: GER 204 or equivalent.

**GER 305****German Civilization and Culture  
3 credit hours**

A study of the historical, political, and cultural development of Germany with emphasis on the present. (Does not count toward a German major. Taught in English.)

**GER 306****Business German  
4 credit hours**

A practical workshop in using German in the workplace, with emphasis on vocabulary of office procedures and international marketing.

Prerequisite: GER 204.

**GER 403****The Age of Goethe  
3 credit hours**

A study of selected works by Goethe.

Prerequisite: GER 303, 304.

**GER 404****Novelle  
3 credit hours**

A study of the major authors of the German Novelle from Goethe to the present.

Prerequisite: GER 303, 304.

**GER 407****Lyric Poetry  
3 credit hours**

A study of German lyric poetry from 1600 to the present.

Prerequisite: GER 303, 304.

**GER 409****German Novel  
3 credit hours**

A study of the German novel from the 18th century to the present.

Prerequisite: GER 303, 304.

**GER 451****Special Readings  
1-3 credit hours**

Special readings in German to cover general or specific areas as determined by the professor to meet the needs of the student.

Prerequisites: German major, arrangement with professor, and department permission.

**GER 457****Methods for Modern Language  
Curriculum Instruction  
3 credit hours**

A course designed to provide foreign language majors with concepts needed for language learning and instruction. Includes the historical background of the teaching of modern language. Discusses Foreign Language in the Elementary School (FLES), immersion programs, and issues concerning high school programs. (Crosslisted with FRE 457 and SPA 457.)

**GER 498****Senior Paper Bibliography  
1 credit hour**

A directed activity designed to assist the student in preparing a research bibliography investigation that includes an annotated bibliography, detailed outline, and introductory chapter of the senior paper. (This is the first of two senior paper courses.)

Prerequisites: German major; permission of the instructor and the department.

**GER 499****Senior Paper  
2 credit hours**

Directed individual study for seniors pursuing research and the writing of the required senior paper. (This is the second of two senior paper courses.)

Prerequisite: GER 498.

## GRADUATE FINANCE (GFIN)

**GFIN 500****Internship  
2 credit hours**

A practicum in which the student works one-on-one with an employer to make recommendations for improvement in the work force. The student's work includes both a closely supervised environment and projects of personal initiative.

Prerequisite: Twelve hours of leveling and/or graduate courses.

**GFIN 514****Investments  
3 credit hours**

Designed to serve investors who are or will be actively developing and monitoring their own investment portfolios. Techniques, vehicles, and strategies for implementing investment goals are discussed in a portfolio context and in light of risk-return trade-offs. Included are an overview of personal finance and investments and specific investment topics such as common stocks, mutual funds, commodities, real estate, etc. Gives special attention to using Value Line Investment Survey to evaluate common stocks and Morningstar's Mutual Fund Value to evaluate mutual funds.

**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.)

**GFIN 555****Entrepreneurship  
3 credit hours**

A study of the art and science of entrepreneurship. Develops technical knowledge through discussion of the tools needed to successfully start and operate a business. Emphasizes the qualitative aspects of entrepreneurship.

**GFIN 563****Finance  
3 credit hours**

Emphasizes the managerial functions of planning, organizing, directing, staffing, and controlling as they relate to administration of the finance function. Discusses the relationship of finance to other business functions of production, marketing, and accounting. A top management perspective of policy, strategy, and decision-making is taken. Applies finance concepts, principles, techniques, and tools of analysis through problem solving.

Prerequisite: FIN 338.

**GFIN 572****Principles of Estate Planning  
2 credit hours**

An overview of estate planning in light of the federal transfer tax system, including federal gift taxation, federal and state estate taxation, and federal generation-skipping transfer taxation. Examines various forms of property ownership and introduces various tools and planning strategies that minimize the costs, fees, taxes, and time delays associated with the transfers of those various ownerships and the relaxed tax implications.

## GRADUATE HEALTH PHYSICAL EDUCATION AND RECREATION (GHPE)

**GHPE 503****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 concepts of health fitness, cardiorespiratory system, nutrition and body composition, muscular skeletal fitness, and stress management. Includes consumer health information and required weekly physical activity lab. (Crosslisted with GHPE 703.) Prerequisites: Graduate standing and medical assessment.

**GHPE 515****Graduate Aerobics  
.5 credit hour**

A flexible course designed to help graduate students meet the ORU fitness and lifestyle requirement. (No walking or modified field tests allowed. Crosslisted with GHPE 715.)

Prerequisites: HPER 001 and 002 or GHPE 503 or GHPE 703; graduate standing.

**GHPE 525****Graduate Walk For Fitness  
.5 credit hour**

Graduate course designed for students who need a walking program and field test. (Crosslisted with GHPE 725.)

Prerequisites: HPER 001 and 002 or GHPE 503 or GHPE 703; graduate standing.

**GHPE 703****Graduate Health Fitness  
1 credit hour**

Develops an understanding of and personal apprecia-

tion for the relationship of physical activity and fitness to health. Emphasizes the concept of health fitness, cardiorespiratory system, nutrition and body composition, muscular-skeletal fitness, and stress management. Includes consumer health information and a required weekly physical activity lab. (Crosslisted with GHPE 503.)

Prerequisite: Doctor of ministry student and medical assessment.

**GHPE 715**  
**Graduate Aerobics**  
**.5 credit hour**

A flexible course designed to help graduate students meet the ORU fitness and lifestyle requirement. (No walking or modified field tests allowed. (Crosslisted with GHPE 515.)

Prerequisites: HPER 001 and 002; or GHPE 503 or 703; doctor of ministry student.

**GHPE 725**  
**Graduate Walk For Fitness**  
**.5 credit hour**

A course designed for graduate students who need a walking program and field test. (Crosslisted with GHPE 525.)

Prerequisites: HPER 001 and 002; or GHPE 503 or 703; doctor of ministry student.

## GRADUATE INTERNATIONAL BUSINESS (GINB)

**GINB 560**  
**International Finance**  
**3 credit hours**

A course designed to prepare students to successfully negotiate the financial transactions that are part of international commerce. Topics include arrangement of credit, risk management, currency exchange, hyperinflation, and capital budgeting in the multinational enterprise.

**GINB 570**  
**International Marketing**  
**3 credit hours**

Designed to provide an analysis of the six "Ps" of marketing as they relate to the globalization of the economy. Emphasizes contemporary periodical articles, as well as textual materials. The course is augmented with case analysis and student projects to highlight both the theoretical and the operational aspects of international marketing.

**GINB 580**  
**Readings in International Business**  
**3 credit hours**

Designed to facilitate the acquisition of advanced knowledge and skills relating to cultural adaptation, global strategy, and international policy. Readings include both classic and contemporary materials. (Designed for students pursuing the concentration in international business.)

Prerequisite: MBA with international business concentration.

## GRADUATE MANAGEMENT (GMGT)

**GMGT 500**  
**Internship**  
**2 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 520**  
**Advanced Human Resource Management**  
**3 credit hours**

An advanced course in strategic management and leadership of an organization's most valuable resource—its people. Experiential exercises, cases, and current research readings are used to facilitate learning in areas such as recruitment, selection, employee evaluation and development, and productivity.

**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 522**  
**Compensation and Benefits**  
**2 credit hours**

A course designed to familiarize potential managers with the various types of payment systems. Also teaches how to craft and administer effective compensation plans to motivate employees toward the accomplishment of predetermined objectives.

**GMGT 551**  
**Executive Development**  
**2 credit hours**

An advanced course in managerial philosophy and techniques. Emphasizes self-development of the executive and develops skills in planning, organizing, motivating, communication, and controls. Analyzes new perspectives on management and incorporates extensive research. Focuses on the challenge of change, qualitative tools, the ethical and moral environment, and the prospects for management in the next decade.

**GMGT 553**  
**Organizational Behavior**  
**3 credit hours**

A study of individual and group level human behavior and dynamics within organizations, with an emphasis on motivation, leadership, stress, group and intergroup dynamics, conflict, power and politics, and culture.

**GMGT 556**  
**Small Business Basics**  
**3 credit hours**

A survey of management principles concerning planning, organizing, directing, controlling, and staffing at the organizational level in the small business environment.

**GMGT 560**  
**Conflict Resolution**  
**2 credit hours**

An introduction to the principles and application of the processes and theories of personal conflict resolution, mediation, and negotiations. Practical conflicts resolution application in various business related settings is a major focus of this course.

**GMGT 561**  
**Management/Organization Theory**  
**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 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.

## GRADUATE MARKETING (GMKT)

**GMKT 500**  
**Marketing Internship**  
**2 credit hours**

A practicum in which the student works one-on-one with an employer to make recommendations for improvement in the work force. The student's work includes both a closely supervised environment and projects of personal initiative.

Prerequisite: Twelve hours of leveling and/or graduate courses.

**GMKT 533**  
**Consumer Behavior**  
**3 credit hours**

A study of the consumer as the focal point in a dynamic economic system. Explores a large body of published and unpublished literature, discusses generalizations, and develops various practical implications of consumer information processing. Such an approach leads to the exploration and use of new marketing techniques and methods.

**GMKT 550**  
**Development of Nonprofit Organizations**  
**2 credit hours**

An overview of marketing concepts, techniques, and promotional strategies as they pertain to nonprofit organizations. Topics covered include marketing, public relations, publicity, communications, market research, situational analysis, fundraising, resource development strategies, and entrepreneurship. Gives special consid-

eration 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.

## GOVERNMENT (GOV)

**GOV 101**  
**American Government and Politics**  
**3 credit hours**

A study of the institutions and processes of American government and politics at the national, state, and local levels, with attention to policy-making and the relationship between citizenship and Christian faith. (Honors sections are available for this course.)

**GOV 201**  
**Introduction to Political Science**  
**3 credit hours**

A description and evaluation of government including the basic content and methods of political science. (Required for majors and highly recommended for all students interested in politics or law.)

**GOV 205**  
**Political Science Research Methods**  
**3 credit hours**

Introduces students to methods of conducting professional research in the field of political science. Students learn to do political analyses and write a research prospectus.

**GOV 305**  
**Comparative Government**  
**3 credit hours**

Provides students with an understanding of the successive paradigms or worldviews in Western American civilization and their consequences upon political and economic institutions. Prepares students for Biblical Christian leadership.

**GOV 311**  
**International Relations**  
**3 credit hours**

A survey of topics germane to international relations, including nation-states, sovereignty, war and peace, supranational and transnational organizations, and international law. Also includes a component on world geography.

**GOV 321**  
**Legislative Process**  
**3 credit hours**

A study of the law-making process in the United States Congress with attention to presidential, bureaucratic, and judicial influences. Surveys the legislative processes of state and foreign governments.

**GOV 322**  
**Political Parties and Elections**  
**3 credit hours**

An analysis of the functions and internal operations of American political parties and interest groups as they act in the electoral and legislative processes and compares them to political parties and electoral systems in other countries.

**GOV 323**  
**American Political Leadership**  
**3 credit hours**

An in-depth study of the origin and historical and political evolution of the highest elected office in the free world. Explores the presidency, as well as its relationships with Congress, the Supreme Court, the bureaucracy, states, and localities. Also deals with possible reforms for improving the effectiveness of the office.

**GOV 331**  
**Western Political Theory**  
**3 credit hours**

A study of the great political thinkers from Plato to the present. Examines the spread of Christianity and the development of political theory, institutions, and concepts of justice and law in the West.

**GOV 335**  
**Christian Faith and Government: Theory**  
**3 credit hours**

Explores the Bible's teachings on politics and government. Includes Jewish and Christian political history and how it influences the Western world.

**GOV 336**  
**Christian Faith and Government: Practicum**  
**3 credit hours**

Applies Biblical principles to current political situations. Studies appropriate methods of access to and influence upon American government. Includes field trips to appropriate government locations.

**GOV 341**  
**Public Administration**  
**3 credit hours**

A study of the application of public policy at all levels of government. Analysis of problems in public financing and budgeting, organization and personnel, the legal context, and the relationship of bureaucracy to the public interest.

**GOV 370**  
**Area Studies**  
**3 credit hours**

Focuses on a specific area of the world, such as Asia or Latin America. Content varies.

**GOV 381**  
**American Foreign Policy**  
**3 credit hours**

An in-depth analysis of the significant persons, ideas, events, issues, and trends in the history of international politics, American foreign relations, and statecraft.

**GOV 391**  
**International Political Economy**  
**3 credit hours**

A survey of integral persons, ideas, events, issues, and trends relative to the rise and decline of the market system of economics in both domestic and international economic policy.

**GOV 450**  
**American Jurisprudence**  
**3 credit hours**

Examines the history of both secular law and divine law through the Judeo-Christian perspective. It also covers the basics of legal research, legal reasoning, criminal law, torts, and property.

**GOV 451**  
**American Constitutional Law**  
**3 credit hours**

A study of the development and current applications of the U.S. constitutional process, emphasizing judgments of the Supreme Court in selected precedent-setting cases. Analyzes effects of this process upon the fundamental structure of the American political, economical, and social systems.

**GOV 452**  
**Civil Liberties and Civil Rights**  
**3 credit hours**

An expansion of topics covered in GOV 451. Examines the role of a Christian and basic American civil liberties and freedoms in relation to the demands for a well-ordered society and the role of a Christian.

**GOV 453**  
**Criminal Procedure**  
**3 credit hours**

Explores and explains the criminal justice process, examining the accused's rights under the Bill of Rights, as well as the roles of the prosecuting and defense attorneys and the federal judicial system.

**GOV 454**  
**Judicial Policy and Process**  
**3 credit hours**

An introduction to the basic constitutional function of the court system.

**GOV 461**  
**Public Policy Analysis**  
**3 credit hours**

A study of the intellectual frameworks used in the formulation and implementation of public policy, as well as the actors 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 498****Senior Paper Preparation  
1 credit hour**

Prepares the student for writing his or her senior paper. Includes research and a prospectus.

Prerequisite: Senior standing.

**GOV 499****Senior Paper/Project  
2-3 credit hours**

Student preparation of a research paper under the direction of a faculty member. Includes instruction in research methods and styles and in critiquing written materials. Students eligible for graduation honors must complete a successful oral defense before a faculty committee.

Prerequisites: Senior standing and GOV 498.

## GRADUATE PROFESSIONAL EDUCATION (GPED)

Note: Admission to the Professional Education Program is a prerequisite for most GPED courses.

**GPED 500****Introduction to Professional  
Education  
1 credit hour**

Orients the student to the profession of education and the planning involved with teaching. Includes an introduction to the state teacher evaluation process and how to incorporate the state criteria in designing instructional strategies. (Offered only to students completing the bachelors of science degree in elementary education through distance education. Crosslisted with PED 103.)

**GPED 502****Health Care for Education Majors  
2 credit hours**

A course providing a variety of competencies in health, safety, and related areas for education majors. Emphasizes the teacher's role in addressing health needs of school-age children, including appropriate response to emergency situations and recognition of common childhood illnesses. (Crosslisted with PED 222.)

**GPED 503****History and Philosophy of Education  
3 credit hours**

Overview of various philosophies of education with emphasis on the implications of their presuppositions on educational theory and practice. Includes an analysis of educational problems and issues in education using the tools of history and philosophy of education and the implications on educational theory and practice in an institution.

**GPED 513****Human Growth and Development  
3 credit hours**

A study of human 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. (Crosslisted with PED 313.)

**GPED 523****Community Relations, Cultural  
Issues, and Educational Law  
3 credit hours**

The study of the relationships between students, parents, teachers, schools, and federal, state, and local government with an emphasis on the cultural and legal framework within which each participant must interact. Includes ways to facilitate effective interaction and communication with each of these groups. (Crosslisted with PED 373.)

**GPED 533****Advanced Educational Psychology  
3 credit hours**

An advanced study of motivation, learning, and psychology as applied to classroom learning. Includes how learning, environmental, and personality factors interact to change human behavior.

**GPED 553****Exceptional Individuals  
3 credit hours**

Acquaints the student with the different exceptionalities served in schools. Stresses assessment procedures, placement, methods, materials, and strategies. (Crosslisted with SED 353, PED 353, and GSED 553.)

**GPED 563****Educational Technology  
3 credit hours**

Focuses on the selection, preparation, use, and sources of media and computer technologies for future teachers. (Crosslisted with PED 363.)  
Course fee: \$30.

**GPED 571****Professional Education  
Portfolio/Seminar  
1 credit hour**

Aids student teachers in the construction of a professional portfolio that fulfills requirements of the School of Education and reflects competencies required for teaching licensure in the State of Oklahoma. (Crosslisted with PED 361.)

**GPED 572****Classroom Management and  
Educational Law  
3 credit hours**

A study of the various approaches in behavior management. Emphasizes behavior modification tech-

niques. Introduces teacher candidates to token learning principles and how they apply to behavior management in the classroom. Provides the opportunity for the study of the relationships between students, parents, teachers, schools, and federal, state, and local government with an emphasis on the legal framework with which each participant must interact. (Crosslisted with PED 372.)

**GPED 582****Educational Assessment  
2 credit hours**

Theory and application of educational evaluation and assessment including evaluation for planning and instruction; construction and evaluation of classroom tests; test values and limitations; evaluation and administration of standardized tests; portfolio development and evaluation; and grading and reporting procedures. (Crosslisted with PED 382.)

**GPED 583****Statistical Research Methods  
3 credit hours**

An opportunity to apply educational research methods to answer statistical questions. Emphasis is on providing further information in an area of interest to the student.

**GPED 584****Internship in K-12/Secondary  
Education  
3 credit hours**

Provides opportunities to observe K-12 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 school.

**GPED 593****Evaluation for Administrators  
3 credit hours**

An overview of the theory and application of educational evaluation and assessment including evaluation for planning and instruction; construction and evaluation of classroom tests; test values and limitations; evaluation and administration of standardized tests; portfolio development and evaluation; and grading and reporting procedures. Gives practical applications for Christian school administrators.

**GPED 640****Instructional Methods and Strategies:  
Elementary, Early Childhood, and  
Special Education  
3 credit hours**

A course assisting students in becoming reflective practitioners by exploring current issues in elementary education. Students learn and utilize various research-based instructional techniques, planning strategies, methods, and assessment practices for elementary schools. (Crosslisted with PED 401.)

Prerequisite: Admission to the Professional Education Program.

**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. (Crosslisted with PED 409.)

Prerequisite: Education minor.

**GPED 665****Student Teaching: Early Childhood  
4-5 credit hours**

In-class observation, teacher assistance, and student teaching under the professional supervision of a university supervisor and a cooperating teacher in an early childhood classroom. Teacher candidates engage in both curricular and extracurricular programs. Includes theories of education evaluation and testing. (Crosslisted with PED 465.)

Prerequisite: Admission to the Professional Education Program and acceptance of student teaching application.

Corequisite: GPED 571.

**GPED 670****Early Childhood Internship  
3 credit hours**

An internship offering students the opportunity to both observe the early childhood classroom and apply the knowledge gained through their course work in the classroom setting.

**GPED 675****Student Teaching: Elementary  
4-10 credit hours**

In-class observation, teacher assistance, and student teaching under professional supervision of a University supervisor and a cooperating teacher in an elementary school. Students engage in both curricular and extracurricular programs. Includes theories of education evaluation and testing. (Crosslisted with PED 475.) Prerequisite or corequisite: GPED 571.

**GPED 683****Educational Research Design  
3 credit hours**

Designed for graduate students desiring to develop a research proposal. Includes topic selection; library search; research methodology, design, and style; and techniques of writing. Provides students with an understanding of basic research methods related to the investigation of current educational issues or problems. (Offered online only.)

**GPED 685****Student Teaching: 7-9  
4-5 credit hours**

Seven-weeks (full-time) in-class observation, teacher assistance, and student teaching under professional supervision of a cooperating teacher in a junior high or middle school and a college supervisor. Students engage in both curricular and extracurricular programs. (Crosslisted with PED 485.)

**GPED 690****Directed Study  
1-3 credit hours**

Allows the student to pursue a literature search and conduct a research project in education that pertains to the degree program and is of interest to the student. Individualization of the degree program in this manner assists the student in broadening and strengthening his or her academic preparation in areas of personal interest. Special activities and/or projects may be suggested by the professor.

**GPED 693****Thesis  
3 credit hours**

Provides the culminating experience for the master of arts in education candidate. The candidate conducts a special investigation of an approved problem using

appropriate research methods, submits the written thesis, and orally defends it in the presence of the candidate's thesis committee. The thesis must be original in the field of education and original with the candidate.

Prerequisites: Completion of a prospectus and arrangement with the chair of the student's thesis committee.

**GPED 695****Student Teaching: 10-12  
4-5 credit hours**

Seven weeks (full-time) in-class observation, teacher assistance, and student teaching under professional supervision of a cooperating teacher in a high school and a college supervisor. Students engage in both curricular and extracurricular programs. (Crosslisted with PED 495.)

Prerequisite: GPED 571.

**GPED 703****Advanced Psychology of Childhood  
and Adolescence  
3 credit hours**

Traces the development of the individual from early childhood through the adolescent years. Includes studies in brain growth, development and dominance, and the resulting behavior of children and youth. Also includes a study of the behavioral and socio-cultural implications for elementary and secondary schools.

**GPED 704****Seminar in Education  
1-3 credit hours**

Special professional seminars or workshops in the field of education that may be particularly useful to education majors but not accessible under the normal delivery system. The seminars and workshops may cover a variety of topics applicable to education, especially topics of current and noteworthy interest. (May be repeated for credit if the experiences are sufficiently varied and the student's advisor approves. Crosslisted with PED 404.)

**GPED 713****Educational Leadership,  
Supervision, and Evaluation  
3 credit hours**

A study of basic principles and practices in modern school administration; current exemplary practices in supervision, group study, visitation, and exchange teaching concepts; and principles and methods to evaluate and improve teaching techniques.

**GPED 723****School Finance  
3 credit hours**

A study of the conceptual basis of the economics of education—both private Christian and public schools—as well as taxation, distribution systems, tuition, grants, and policy analysis. Also considers sources of funding, control of expenditures, general principles of financial administration, and a review of requirements of Oklahoma State Law concerning financial accounting and audit procedures. (Offered in Summer Institute only.)

**GPED 733****School Law/Legal Issues in  
Education  
3 credit hours**

Provides knowledge of the general principles of school law. Consideration is given to an understanding of legal implications of the operation and administration of private Christian and public school systems. Includes

school law as it relates to the State of Oklahoma, the State Board of Education and the Attorney General. Consideration of PL94-142, Section 504 of the Rehabilitation Act, other Federal acts with impact on school district operations, and current issues affecting schools.

**GPED 743****Organization and Administration of  
Public Schools  
3 credit hours**

A survey of topics pertinent to public school administration including the organization and implementation of elementary, secondary, and vocational/technical school systems; roles and responsibilities of boards of education, superintendents of schools, principals, and other school staff; laws, procedures, regulations and policies related to management of certificated and noncertificated school staff; relationships between administration and other school personnel; and the recruitment, selection, promotion, morale, salary, and evaluation of staff.

**GPED 753****Curriculum/Instructional Design and  
School Services  
3 credit hours**

A critical study of foundations, procedures, and theories in instructional programs common in early childhood education and elementary and secondary schools; selection and organization of content, teaching techniques and materials; and the organization and implementation of instructional strategies in a school system.

**GPED 763****Human Resources in Education  
3 credit hours**

Designed to help prospective school administrators in the development of human relations skills, interpersonal relationships, and group process skills.

**GPED 773****School Public Relations  
3 credit hours**

Designed for graduate students desiring to develop a working knowledge of the functions of public relations in school leadership. Addresses concerns central to planning, developing, and implementing a practical and effective public relations program in a school setting.

**GPED 783****Internship/Practicum in Elementary  
School Administration  
1-4 credit hours**

Provides supervised, practical, and professional field experience in an area of elementary school administration for the advanced or graduate student. Subject matter varies within the department's field of study.

**GPED 793****Internship/Practicum in Secondary  
Administration  
1-4 credit hours**

Provides supervised, practical, and professional field experience in an area of secondary school administration for the advanced or graduate student. Subject matter varies within the department's field of study.

**GPED 803****Guidance and Counseling for  
Elementary School  
3 credit hours**

A study of the concepts, procedures, and administra-

tion of a guidance and counseling program for elementary schools. Includes a study of the needs, design, implementation, coordination, and administration of an effective guidance and counseling program. (Offered by correspondence only.)

**GPED 813**  
**Guidance and Counseling for**  
**Secondary School**  
**3 credit hours**

A study of the concepts, procedures, and administration of a guidance and counseling program for secondary schools. Includes a study of the needs, design, implementation, coordination, and administration of an effective guidance and counseling program. (Offered by correspondence only.)

**GPED 823**  
**Group Relations/Multicultural**  
**Education**  
**3 credit hours**

Prepares educational leaders to deal with cultural diversity in the community, curriculum, and classroom. Examines current issues of multiculturalism in society and educational settings.

**GPED 834**  
**Organization and Supervision of**  
**Programs for Exceptional**  
**Individuals**  
**3 credit hours**

The study of the exceptional child and the establishment of a program to identify, evaluate, remediate, and effectively manage the behavior of students with special academic needs. Also addresses the administrative plan and structure, including personnel, facility scheduling, program integration with existing curriculum and schedule, legal responsibilities and liabilities, parental involvement, and continued evaluation for each identified student. (Offered in Summer Institute only.)

**GPED 835**  
**Advanced Theories of Learning and**  
**Brain Research**  
**3 credit hours**

An advanced study of current research and practices relating to theories of learning and brain research as it relates to education. Emphasizes practical classroom application of the research.

## **GRADUATE SPECIAL** **EDUCATION (GSED)**

**GSED 523**  
**Parent and Families of Students**  
**with Special Needs**  
**3 credit hours**

A study of counseling techniques and counseling theories, community resource agencies, and the use of the multidisciplinary team applied to counseling exceptional individuals and their parents. (Crosslisted with SED 323. Offered in Summer Institute only.)  
 Prerequisite: GSED 553.

**GSED 553**  
**Introduction to Special Education:**  
**Mild-Moderate Disabilities**  
**3 credit hours**

A study of the field of special education: the diagnostic teaching process, theories and teaching strategies, and

educational implications and services for mild to moderate disabled students. Explores the nature and needs of mildly disabled preschoolers, elementary-level children, adolescents, and adults. (Crosslisted with SED 353 and PED 353. Offered in Summer Institute only.)

**GSED 563**  
**Effective Instruction for Students**  
**with Mild-Moderate Disabilities**  
**3 credit hours**

A comprehensive overview of the most current effective teaching strategies for special education. Provides a model for application to a variety of skill and content areas. Examines advances in technology, multicultural awareness, curriculum development, and thinking skills. Incorporates concrete, meaningful teaching activities and demonstrations. (Crosslisted with SED 363. Offered in Summer Institute only.)  
 Prerequisite: GSED 553.

**GSED 613**  
**Assessment and Program Planning**  
**3 credit hours**

Develops competencies in utilizing diagnostic instruments and interpreting evaluation results. The major components are (1) informal assessment procedures, (2) formal assessment procedures, (3) identifying performance discrepancies, (4) administration and interpretation of selected instruments, and (5) summarizing information in a written report. (Crosslisted with SED 313. Offered in Summer Institute only.)  
 Prerequisite: GSED 553.

**GSED 623**  
**Issues, Trends, and Curriculum**  
**Modification in Special Education**  
**3 credit hours**

Gives the student an understanding of adapting commercially prepared instructional materials and developing teacher-made materials to meet the unique needs of exceptional individuals. Emphasizes writing and implementing IEPs for both self-contained and mainstreamed placements. (Crosslisted with SED 423. Offered in Summer Institute only.)  
 Prerequisite: GSED 553.

**GSED 652**  
**Behavior Management Strategies**  
**with Practicum**  
**3 credit hours**

Examines strategies for managing disruptive behavior in the special education and regular classroom, preschool, and home. Includes practical techniques, philosophical, legal, ethical, and pedagogical issues. (Offered in Summer Institute only.)  
 Prerequisite: GSED 553.

## **GRADUATE THEO-** **LOGICAL AND HIS-** **TORICAL** **STUDIES (GTHE)**

**GTHE 507**  
**Holy Spirit in the Now**  
**2-3 credit hours**

An overview of the basic theological beliefs and lifestyle unique to Oral Roberts University. The course analyzes the Biblical concepts and principles of the Person and work of the Holy Spirit. It examines the gifts

of the Holy Spirit and indicates how contemporary Christians may personally relate to them. Also examines the principles of seed-faith giving and living.

**GTHE 508**  
**Signs and Wonders and the Healing**  
**Ministry I**  
**1-2 credit hours**

Provides a Biblical, theological, and practical examination of signs and wonders and miracles in the ministry of the Church. The course provides practical, contemporary demonstration of this Biblical concept by exposing students to leaders in the Body of Christ who exercise signs and wonders in their ministries. (This is the first of two courses.)

**GTHE 509**  
**Signs and Wonders and the Healing**  
**Ministry II**  
**1-2 credit hours**

A continuation of GTHE 508. (This is the second of two courses.)

**GTHE 517**  
**Seminar in Theological Research**  
**3 credit hours**

Designed to permit the theological research student to acquire a degree of expertise in the use of the library's many facilities. Emphasizes a working knowledge of research tools and research methodology. Discusses selective problems in theological research and addresses the scholarly process and modern information systems. Focuses on writing skills and the textual tradition embodied in book form. The course also examines the basic form, content, and style of an acceptable thesis.

**GTHE 518**  
**Introduction to Theology**  
**3 credit hours**

Introduces the discipline of systematic theology and provides a comprehensive overview of Christian doctrine. (Designed for non-master of divinity students who require an introduction to the field of study.)

**GTHE 539**  
**Black Church History and Theology**  
**3 credit hours**

An examination of the Black church, Black theology, and their contributions to the Kingdom of God and the Christian community. Examines the salvation experience of Black people, social issues, preaching, and worship.

**GTHE 551**  
**Systematic Theology I**  
**3 credit hours**

An introduction to Christian theology and an examination of the doctrines of revelation, God, creation, and humanity.

**GTHE 561**  
**Systematic Theology II**  
**3 credit hours**

An examination of the doctrines of sin, Christology, the atonement, the Holy Spirit, salvation, the church, and eschatology.

**GTHE 571**  
**Church History I**  
**3 credit hours**

A study in the development of the Christian church from the Apostolic period to the Reformation. Examines the

major historical movements and theological issues of the period, particularly the Christological controversies of the Early Church.

**GTHE 581**  
**Church History II**  
**3 credit hours**

A study designed to delineate and investigate the various lines of thought in the pre-Reformation, Reformation, and Protestant periods. Emphasizes the Reformation, its causes, development, and consequences.

**GTHE 591**  
**Classics in Devotional Literature**  
**3 credit hours**

Studies the relationship between theology and life experience through the examination of major spiritual writings. Includes a survey of Christian devotional literature from all major periods of the history of the Christian Church.

**GTHE 622**  
**The Doctrine of God**  
**3 credit hours**

A study of the existence, essence, names, attributes, and trinity of God, with a view toward fully integrating these scriptural teachings into the worship and mission of the church.

**GTHE 624**  
**Christian Apologetics**  
**3 credit hours**

An examination of classical apologetical systems to determine their coherency and/or adequacy as defenses for the Christian faith. Specific attention is focused upon Presuppositional Apologetics.

**GTHE 631**  
**Theological German**  
**3 credit hours**

Studies the German language for reading knowledge. Designed for the student entering graduate studies.

**GTHE 632**  
**Theological French**  
**3 credit hours**

A reading course in theological French.

**GTHE 638**  
**Contemporary Religious Cults**  
**3 credit hours**

An examination of the theological and historical roots of the present-day cult movement. Analyzes the various cults in contemporary America and focuses upon their unique doctrines. Provides opportunities for dialogue with cult leaders.

**GTHE 644**  
**The Doctrine of Christian Unity**  
**3 credit hours**

An overview of the modern quest for Christian unity. The challenge of Jesus' prayer in John 17, "that all may be one," is applied to contemporary denominations. Students are exposed to the distinctive teachings of the major denominational and confessional groupings within Christianity. Also discusses the moves toward unity and the dialogues between churches.

**GTHE 647**  
**The Doctrine of Redemption**  
**3 credit hours**

Studies the doctrine of salvation in Jesus Christ. The

Biblical and historical dimensions of soteriology are integrated with a survey of contemporary perspectives on Christ as Mediator, Liberator, and Reconciler.

**GTHE 657**  
**Theology of Martin Luther**  
**3 credit hours**

An investigation of the life, thought, and influence of Martin Luther, with emphasis upon a firsthand of major theological issues of his ministry.

**GTHE 658**  
**Biblical Authority**  
**3 credit hours**

Analyzes the issue of the authority of the Bible in modern theology. The course provides a historical overview of the role of Holy Scripture in Christian theology and explores such concepts as inspiration, authority, infallibility, and inerrancy. Investigates related concerns such as canon, tradition, translation, hermeneutics, Biblical criticism, the witness of the Spirit, and proclamation as these impinge upon one's view of the authority of the Scriptures.

**GTHE 659**  
**Ecclesiology: Church in the 21st Century**  
**3 credit hours**

A study of the nature, forms, polities, marks, and functions of the church, including an examination of the church as a charismatic fellowship and the promise of a Trinitarian ecclesiology, with a view toward a practical vision for doing church work in today's world.

**GTHE 660**  
**Ethics and Contemporary Issues**  
**3 credit hours**

A discussion of current Biblical, theological, and pastoral issues in our culture with an attempt to motivate the Christian community to understand and act upon these issues.

**GTHE 661**  
**Introduction to Christian Ethics**  
**3 credit hours**

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

**GTHE 663**  
**Charismatic Theology**  
**3 credit hours**

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

**GTHE 670**  
**Contemporary Theology**  
**3 credit hours**

A survey of key theologians, movements, and issues in contemporary theology introduced by a brief historical overview of modern theology.

**GTHE 674**  
**Denominational Polities**  
**3 credit hours**

A survey of organizational and governmental structures of various churches and/or denominations.

**GTHE 675**  
**The Early Church Fathers**  
**3 credit hours**

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

**GTHE 676**  
**The Age of Reformation**  
**3 credit hours**

An investigation of the life and thoughts of the great leaders of the Protestant Reformation in the context of the socio-cultural developments of the 16th and early 17th centuries.

**GTHE 678**  
**The Theology of Revival and Renewal**  
**3 credit hours**

A study of the Biblical and theological foundations for both the continual renewal of the Church and periodic revivals within the Church, including historical perspectives.

**GTHE 681**  
**Historical Theology**  
**3 credit hours**

A survey of theological issues and developments in the history of the Christian church. Considers issues and developments closely related to the people and events.

**GTHE 684**  
**Reformed Theology**  
**3 credit hours**

An investigation of the theology of the Reformed and Presbyterian Churches and the theology of the sixteenth century French Protestant reformer. Gives special attention to the ideas of John Calvin and his *Institutes of the Christian Religion*. Outlines the development of the Reformed heritage up to the present time.

**GTHE 686**  
**Theology of John Wesley**  
**3 credit hours**

Studies the life and theology of John Wesley with special reference to the various influences affecting his doctrine of prevenient, justifying, and sanctifying grace.

**GTHE 692**  
**Pneumatology**  
**3 credit hours**

Studies New Testament passages relating to the Pentecostal doctrine of the Baptism in the Holy Spirit. Gives particular attention to the Spirit's gifts or manifestations. Designed to provide a viable exegetical basis for a Pentecostal theology of Spirit baptism.

**GTHE 694**  
**The Pentecostal/Charismatic Movements in Historical Perspective**  
**3 credit hours**

A historical and theological overview and analysis of the roots and development of the classical Pentecostal movement, the healing revival, the Protestant charismatic movement, and the Catholic charismatic movement.

**GTHE 696**  
**Divine Healing: A Theological and Historical Study**  
**3 credit hours**

An examination of the theological and historical roots of the doctrine and practice of divine healing from the Apostolic period to the present, with special emphasis on the movement as it developed in America during the 19th and 20th centuries. Describes the special foundational relationship between the divine healing movement and the Pentecostal and charismatic movements.

**GTHE 744**  
**Seminar in Historical Studies**  
**3 credit hours**

Discusses and presents research on selected themes in church history, historical theology, or related fields of interest.

**GTHE 745**  
**Seminar in Theological Studies**  
**3 credit hours**

Discusses and presents research on selected themes in theology and related fields.

**GTHE 749**  
**Directed Study**  
**3 credit hours**

Directed research and writing under the supervision of a faculty member on topics approved by the department and related to subject matter in the academic M.A. curriculum.  
 Prerequisite: Admission to the academic master of arts program.

**GTHE 756**  
**Thesis Research**  
**1 credit hour**

Directed individual systematic research in preparation for the writing of a thesis.  
 Prerequisite: Admission to the Theological/Historical Studies program.

**GTHE 757**  
**Thesis Writing**  
**2 credit hours**

Directed individual systematic research culminating in the writing of a thesis.  
 Prerequisites: GTHE 756; Admission to the Master of Arts in Biblical Literature program.

**GTHE 760**  
**Christology**  
**3 credit hours**

A Biblical, historical, and theological exploration of the person and work of Christ, with special reference to the practical implications of this doctrine for the disciple-making mission of the church.

**GTHE 763**  
**The Biblical Doctrine of Grace**  
**3 credit hours**

Studies the Biblical, historical, theological, and practical dimensions of the doctrine of grace, which constitutes the uniqueness of the Christian faith, is the essence of the gospel, and is the transforming and liberating power of Christian experience and mission.

**GTHE 768**  
**Ethics in Pastoral Ministry**  
**3 credit hours**

A course concerned with the ethical dimensions of pastoral ministry and the relationship between theological

ethics and pastoral care—in effect, the relation of God's moral will as expressed through His creative and redemptive grace to humanity caught in the web of personal moral failure and general moral evil. Addresses problems of sin and evil raised by the issues in pastoral ministry.

**GTHE 769**  
**Ethics of Jesus**  
**3 credit hours**

An inductive research into the moral lifestyle of Jesus and its meaning for contemporary lifestyles. Examines traditional and modern approaches to the Sermon on the Mount and Jesus' enunciation of His mission in Luke 4:18. Includes the ethical Kingdom of God teachings of Jesus.

**GTHE 785**  
**Church and Sacraments**  
**3 credit hours**

A historical study that has as its focus the theology of the Church and the Christian sacraments. Special attention is given to water baptism and the Lord's Supper.

## MODERN HEBREW (HEB)

**HEB 101**  
**Elementary Hebrew I**  
**4 credit hours**

A course for those desiring to begin a second language. Intensive oral work, grammar, and composition. (This course does not count toward the bachelor of arts language requirement, a minor, or a major but can be used for elective credit.)  
 Lab fee: \$30.

**HEB 102**  
**Elementary Hebrew II**  
**4 credit hours**

Continuation of HEB 101.  
 Prerequisite: HEB 101 or demonstrated proficiency.  
 Lab fee: \$30.

**HEB 203**  
**Intermediate Hebrew I**  
**3 credit hours**

Continued practice in Hebrew with review of grammar and composition. Selected readings in addition to text.  
 Prerequisite: Proficiency examination or HEB 102.  
 Lab fee: \$30.

**HEB 204**  
**Intermediate Hebrew II**  
**3 credit hours**

Intensive practical conversational workshop.  
 Prerequisite: HEB 203.

**HEB 219**  
**Travel Study**  
**3 credit hours**

An in-depth introduction to many aspects of culture, history, and idiomatic language usage. This three-week trip introduces the student to the culture of Israel.

**HEB 301**  
**Hebrew Conversation/Grammar**  
**3 credit hours**

Advanced practice in understanding and speaking Israeli Hebrew and in increasing reading skills. The

course is based on the achievement of structural analysis of the Hebrew language, which necessarily includes a concentration on grammar and identification of words not only by their characters but also by clues provided.  
 Prerequisite: HEB 204.

**HEB 302**  
**Hebrew Composition**  
**3 credit hours**

Development of writing through practical compositional exercises that include a review of grammar. Developing proficiency in reading skills with selected readings.  
 Prerequisite: HEB 301.

**HEB 305**  
**Hebrew Culture and Civilization**  
**3 credit hours**

A study of the historical, political, and cultural developments of the state of Israel with emphasis on Judaism and Judeo/Christian relations. (Taught in English.)

**HEB 306**  
**Business Hebrew**  
**4 credit hours**

A practical workshop in using Hebrew in the workplace, with emphasis on vocabulary of office procedures and international marketing.  
 Prerequisite: HEB 204.

**HEB 451**  
**Special Readings**  
**1-3 credit hours**

Special readings course in Hebrew to cover general or specific areas as determined by the professor to meet the need of the student.  
 Prerequisites: Arrangement with professor, departmental permission, and proficiency as needed.

## HOME SCHOOL EDUCATION (HED)

**HED 372**  
**Home School Administration and Organization**  
**3 credit hours**

A study of techniques useful in the administration and organization of the home school, including setting goals, scheduling and time management, lesson planning, student discipline, teacher training, record keeping, and legal issues. (Offered through SLLE only.)

## HISTORY (HIS)

**HIS 101**  
**American History Survey**  
**3 credit hours**

An introduction of the main political, economic, social, foreign policy, and cultural developments in American history since 1760. Students develop a personal synthesis of American history. (Honors sections are available for this course.)

**HIS 201**  
**Historiography**  
**3 credit hours**

An introductory course for history and prelaw majors, focusing upon the student as the central figure for "building history from the ground up." Participants are

introduced to the discipline of history and to the historian's craft. Special attention is given to the vocational potential of the history major and to the relationship between the field of history and law. (Required for all history majors and prelaw students.)

**HIS 310**  
**Oklahoma History**  
**3 credit hours**

A survey of cultural, economic, political, and social development of Oklahoma as a reflection of similar development throughout the American West. This course is designed to study how Oklahoma is affected by and affects the national scene.

**HIS 331**  
**Middle Ages and the Renaissance, 476-1530**  
**3 credit hours**

An examination of the religious, social, political, and economic aspects of the times from the fall of Rome to the advent of the Reformation throughout Europe. The Middle Ages are studied primarily for the Christian, historical, and philosophical continuity and disparity that gave rise to the Renaissance.

**HIS 332**  
**Age of the Reformation, 1450-1648**  
**3 credit hours**

A study of the religious, social, political, and economic aspects of the times as they set the stage for the Reformation and Counter-Reformation. Emphasizes the development and significance of the establishment of religious toleration.

**HIS 333**  
**Early Modern Europe, 1648-1815**  
**3 credit hours**

A survey of the foundations of Modern Europe, with emphasis on Absolutism, the Enlightenment, and the era of the French Revolution. Emphasizes ideas and events that influenced more recent times.

**HIS 334**  
**Europe, 1815-1914**  
**3 credit hours**

An intensive study of Europe from 1815 to 1914. Emphasizes those aspects of European civilization that led to the success of liberalism in some areas and failure in others and the developments that resulted in the cataclysm of 1914.

**HIS 335**  
**Europe, 1914-Present**  
**3 credit hours**

Focuses on events in and beyond Europe since 1914 that relate directly to European nations, such as World War II and the dismantling of colonialism. Emphasizes main historical themes and events and gives some attention to subjects of less significance to Europe, such as Europe's role in the Middle East.

**HIS 336**  
**Central and Eastern Europe, 1866-Present**  
**3 credit hours**

Focuses on the political, diplomatic, social, and intellectual development of central and east central Europe since 1866. Traces the interplay among leading personalities, institutions, and spreading "isms"—Nazism, Marxism, and others—as well as events since World War II.

**HIS 337**  
**Russia and the Soviet Union**  
**3 credit hours**

Covers the history of Russia, 1700-1917, and the Soviet State, 1917-1991. Emphasizes the background and events of the 1917 revolutions, the establishment of the Soviet regime, and the development of agriculture, industry, education, foreign policy, and the evolution of the Communist Party.

**HIS 341**  
**Colonial America: The English Colonies, 1607-1763**  
**3 credit hours**

Designed to give the student of American history and culture a background for study of later eras of the nation's development. Focuses on the transplantation of English culture to the eastern frontier of the New World during the 17th and 18th centuries. Presents the roles French and Spanish civilizations played in forging the new Anglo-American character.

**HIS 342**  
**The American Revolution and the Early National U.S., 1763-1830**  
**3 credit hours**

An examination of the causes and events of the Revolution, the formation of the Constitution, and the first decades of the young American nation as it created its own identity.

**HIS 343**  
**Civil War and Reconstruction U.S., 1830-1877**  
**3 credit hours**

A study of the political, social, economic, and intellectual roots of the Civil War; the war itself, and the period of Reconstruction during the decade following the war.

**HIS 344**  
**Early Modern United States, 1877-1929: Gilded Age to World War I**  
**3 credit hours**

An analysis of the foundations of the 20th-century United States. Includes the pre-eminence of big business, subordination of politics, reform movements and organization of labor, the impact of urbanization and immigration, agriculture and the completion of Manifest Destiny, cultural and intellectual trends and foreign affairs, the Progressive movement, international affairs and World War I, and economic and social trends of the twenties.

**HIS 345**  
**United States Since 1929**  
**3 credit hours**

A study of the New Deal and World War II, international politics and the Cold War, recent domestic politics, cultural and intellectual trends, and the U.S. in global perspective.

**HIS 346**  
**United States Economic History**  
**3 credit hours**

A comprehensive treatment of the important trends in national economic growth from 1790 to the present.

**HIS 347**  
**U.S. Social and Intellectual History**  
**3 credit hours**

A course synthesizing the United States' cultural development within the context of American history. Studies include music, art, architecture, theology, philosophy,

religion, physical sciences, life sciences, and social, political, and economic theory.  
Prerequisite: HIS 101.

**HIS 361**  
**Colonial Latin America**  
**3 credit hours**

An examination of the pre-Columbian cultures of the New World as well as the Spanish influence on them through discovery and conquest. Emphasizes the clash of cultures and the establishment of Spanish religious, social, and governmental patterns relevant to today.

**HIS 362**  
**Survey of Latin America**  
**3 credit hours**

A survey of the history of Latin America from the pre-Columbian period to the present. Presents an overview of the religious, cultural, political, and social institutions that make Latin America a unique region.

**HIS 371**  
**Islamic Middle East**  
**3 credit hours**

Explores the development of Islam and its influence on the history of the Middle East to 1798 and the invasion of Egypt by Napoleon. The first part of the course focuses on Muhammad and Islam, with all its tenets and sects.

**HIS 372**  
**Ancient Near East**  
**3 credit hours**

Charts the history of the Ancient Near East from the dawn of history—the beginning of writing—until the Persian Period. Includes the history of Israel, especially connections between Israel and her Old World neighbors. Focuses on the ancient kingdoms and peoples who made up the world of the Bible. Includes a discussion of the rediscovery of these antiquities, including the development of archaeology, the deciphering of languages, and the great finds and sites.

**HIS 381**  
**Modern China and Japan**  
**3 credit hours**

A survey of the influence of the ancient past of China, Japan, and the East Asian area in the 20th century. Major themes include Christian missions and China and Japan's political, religious, and cultural past and present.

**HIS 382**  
**History of India and Southeast Asia**  
**3 credit hours**

A survey of the influence of the ancient past of India and Southeast Asia in the 20th century. Major themes include the European colonial legacy, nationalism, religion, Christian missions history, and recent developments.

**HIS 451**  
**Department Seminar: America**  
**3 credit hours**

Examines issues in American history and culture and emphasizes student research.

**HIS 452**  
**Department Seminar: Europe**  
**3 credit hours**

Examines issues in European history and culture and emphasizes student research.

**HIS 453****Department Seminar: Middle East  
3 credit hours**

Examines issues in Middle Eastern history and culture and emphasizes student research.

**HIS 454****Department Seminar: Latin America  
3 credit hours**

Examines issues in Latin American history and culture and emphasizes student research.

**HIS 455****Department Seminar: Asia  
3 credit hours**

Examines issues in Asian history and culture and emphasizes student research.

**HIS 471****Nineteenth Century Middle East  
3 credit hours**

A study of the Middle East from Napoleon's invasion of Egypt in 1798 through World War I. Focuses on events that relate directly to present problems in the area.

**HIS 472****Twentieth Century Middle East  
3 credit hours**

Details the development of the nations of the Middle East from World War I to the present. Gives particular attention to the wars in the region and the strategic geo-political significance.

**HIS 473****The Rise of Modern Israel  
3 credit hours**

Examines the history of the modern state of Israel from the appearance of modern Zionism to the present. Emphasizes the Arab-Israeli conflict and the wars in the region.

**HIS 477****Secondary Methods: Social Studies  
3 credit hours**

A course designed to prepare social studies education students with ideas and practical knowledge for the classroom. Focuses on materials and methods of teaching history, government, and social studies.

**HIS 479****Readings in History  
3 credit hours**

Special studies in history. Covers general or specific areas to meet student needs. Topics vary.  
Prerequisites: Instructor permission and approval of the department chair.

**HIS 499****Senior Paper/Project  
3 credit hours**

A refresher course in research methods and in writing and critiquing research papers. Requires a 20-25 page historical research paper.

**HONORS (HONR)****HONR 101****Artistic Expression  
3 credit hours**

An interdisciplinary seminar in literature and art. Explores major developments in literature and the visual arts. Written and visual materials illustrate the ways that literature and art have converged and diverged in response to changes in worldview. Students use critical thinking and writing skills to evaluate the effects of shifts in the form and content of one medium on the other and the impact of those shifts on western culture. Prerequisite: Honors Fellows standing.

**HONR 102****Philosophy of Science  
3 credit hours**

A basic study of the philosophy of science, which includes a general understanding of philosophy and its impact on the natural sciences. Emphasizes the science and philosophy of origins, scientific ethics, Western scientific thought and its impact on Christian thought and practice, and formulation of a charismatic, evangelical response and perspective on the Western scientific enterprise.

Prerequisite: Honors Fellow standing or theological-historical studies major with a Christian philosophy concentration.

**HONR 201****Principles of Leadership  
3 credit hours**

An overview of the art and science of leadership and leadership development. Examines research-based models of interdisciplinary leadership and leadership development through reading, reflection, interaction, collaboration, team work, and problem solving. Emphasis is on understanding and developing emotionally intelligent leadership.

Prerequisite: Honors Fellow standing.

**HONR 202****History of Qualitative 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.

Prerequisite: Honors Fellow standing.

**HONR 301****Faith and Civilization in Context  
3 credit hours**

An interdisciplinary seminar in humanities and theology. Explores the various stages of Western civilization from the Roman Empire to the present and the impact and influence of the Christian faith upon it.

Prerequisite: Honors Fellow standing.

**HONR 302****Aesthetics and Drama  
3 credit hours**

A study of various forms of literature and drama and their impact on modern culture. Focuses on students becoming intelligent, artistic critics who can evaluate the literary and performing arts from a Christian perspective through various written assignments.

**HEALTH, PHYSICAL  
EDUCATION, AND  
RECREATION (HPER)****HPER 001****Health Fitness I  
1 credit hour**

Designed to develop an understanding of and personal appreciation for the relationship of physical activity and fitness to health. Emphasizes the concepts of health fitness through the conditioning of the cardiorespiratory system and the development of a healthy lifestyle. Includes consumer health information and a required weekly physical activity lab.

Prerequisites: Medical Assessment

Course Fee: \$30.

**HPER 002****Health Fitness II  
1 credit hour**

A continuation of Health Fitness 001 course with an emphasis on total body health fitness. Focus areas include cardiorespiratory fitness, nutrition, body composition, musculo-skeletal fitness, and stress management. Includes consumer health information and a required weekly physical activity lab.

Prerequisite: HPER 001.

**HPER 003-150****General Education  
Physical Activity Courses  
0.5-1 credit hour**

A variety of activity courses, such as swimming, tennis, and backpacking. (An activity class may be taken only twice for credit.)

Prerequisites: HPER 001 and 002 or GHPE 503/703.

Course fee: \$golf, \$30; scuba, \$50; equestrian, \$125; lifeguarding, \$60; and backpacking, \$60.

**HPER 101****Fitness for Life I  
1 credit hour**

Designed to provide students the opportunity to continue developing, implementing, and monitoring their personal fitness program. Textbook assignments are included to build on the fitness knowledge base and thus to make the core requirements more meaningful.

Prerequisites: HPER 001 and 002 or GHPE 503.

**HPER 102****Fitness for Life II  
1 credit hour**

Provides an opportunity for students to develop, implement, and monitor a personal fitness program. Emphasizes flexibility, strength, and weight control.

Prerequisites: HPER 101 with a "C" or higher.

**HPER 200****Introduction to Health, Physical  
Education, and Recreation  
3 credit hours**

A study of the basic concepts and principles that form the foundation of health, physical education, and recreation. Designed to acquaint the student with the organized body of knowledge in the disciplines and provide an understanding of the management of their programs.

**HPER 202****Introduction to Leisure Services  
3 credit hours**

The study of leisure with an emphasis on the role of

leisure and recreation in American culture. Includes the relationships of leisure with religion, family life, business, employment, environmental concerns, and political/governmental issues.

**HPER 228**  
**Theory of Coaching**  
**2 credit hours**

Provides the foundation for coaching sports at any level. Discusses differences in the levels of competitive sport, emphasizes professional and personal development, and offers methods for constructing plans for meeting coaching goals.

**HPER 231**  
**Personal Health Science**  
**3 credit hours**

A study of critical personal health topics including drugs, mental health, stress management, smoking, aging, and death and dying.

**HPER 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.

**HPER 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.

**HPER 315**  
**Program Administration**  
**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.

**HPER 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: HPER 319; or PHS 223 and 224 .

**HPER 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.

**HPER 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: HPER 319; or PHS 223 and 224.

**HPER 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: HPER 319; or PHS 223 and 224.

**HPER 331**  
**Outdoor Recreation and Camping**  
**3 credit hours**

Explores the use of outdoor areas for recreation as well as the local, state, and federal government's involvement in parks, playgrounds, and outdoor recreation. Also discusses organization, administration, programming, and staffing for camps.

**HPER 343**  
**Recreational Leadership and Activities**  
**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.

**HPER 344**  
**Recreation Programming**  
**3 credit hours**

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

**HPER 350-356**  
**Theory and Analysis of Teaching Sports and Physical Activities**  
**2 credit hours each**

Courses designed to provide preparation essential for the instruction of activities in the physical education and recreation setting. Emphasizes instructional methods, analysis of skill movements, and group organization.

HPER 350 Golf/Music Aerobics

HPER 351 Tennis/Badminton/Pickleball

HPER 352 Softball/Football/Basketball

HPER 353 Soccer/Volleyball

HPER 354 Track and Field/Weight Training

HPER 356 Aquatics

**HPER 402**  
**Exercise Prescription For Special Populations**  
**3 credit hours**

A study of the aerobics concept of conditioning, with special emphasis upon the cardiorespiratory system and the

relationship between lifestyle and the risk factors of heart disease. Students learn to write exercise prescriptions to maintain health and fitness for various populations (normal, young, rehabilitation, geriatric, etc.)

Prerequisite: HPER 324.

**HPER 412**  
**Techniques of Health Fitness Evaluation**  
**3 credit hours**

A thorough analysis of evaluating an individual's strength, muscular endurance, cardiorespiratory fitness, flexibility, body composition, and nutritional status. Provides lab practice in the assessment of health fitness with special emphasis on ECG interpretation.

Prerequisite: HPER 324.

**HPER 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 HPER class or to allow investigation of another subject or experience not addressed in a formal HPER class.

Prerequisite: HPER major.

**HPER 452**  
**HPER 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.

**HPER 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 HPER Department chair and the student's advisor approve the number of credit hours.)

Prerequisites: HPER major or minor and senior status.

**HPER 482**  
**Internship in Recreation Administration**  
**2-12 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 HPER Department chair and the student's advisor approve the number of credit hours.)

Prerequisites: HPER major or minor and senior status.

**HPER 499**  
**Research in HPER (Senior Paper)**  
**3 credit hours**

An independently guided study for the purpose of doing research in the field of emphasis. The outcome of this project is a well-written research paper that fulfills the senior paper requirements.

Prerequisites: Senior HPER major and ENG 305.

## HUMANITIES (HUM)

### HUM 111

#### Introduction to Humanities I 3 credit hours

A survey and synthesis of the history, literature, culture, and worldviews of Greco-Roman Classical and Medieval Christian cultures. (Honors sections are available for this course.)

### HUM 112

#### Introduction to Humanities II 3 credit hours

A survey and synthesis of the history, literature, culture, and worldviews of the late Medieval, Renaissance, and Reformation periods in Western civilization. Gives attention to the major world civilizations whose ideas, values, and cultures influenced Western experience. (Honors sections are available for this course.)

### HUM 213

#### Modern Humanities I 3 credit hours

Focuses on human culture between 1650 and 1850 and reflects the modern search for reality and truth by people living then. Includes history, ideas, and institutions in the human search for meaning and purpose in life. (Honors and writing-intensive sections are available for this course.)

### HUM 214

#### Modern Humanities II 3 credit hours

Focuses on human culture between 1850 and the present and reflects the modern search for reality and truth since 1850. Includes history, ideas, and institutions in the human search for meaning and purpose in life. (Honors sections are available for this course.)

### HUM 300

#### Cultural Periods 3 credit hours

An analysis of the range of cultural expressions in a designated time period. Examples include "The Ancient World, 2000 B.C. to A.D. 400"; "Comparative Culture, 1650 to 1800"; and "Immediate Precedents, and Developments from 1918 to 1960."

### HUM 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."

### 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.

## INTERNATIONAL STUDIES (IS)

### IS 301

#### Christian Worldview 3 credit hours

A study of the Christian worldview and how it should form the conceptual foundation for human thought and action within a culture of competing worldviews. In a time of growing anti-intellectualism in the Church and marginalization of Christianity in society, this course provides the understanding necessary to effectively communicate the truth of Christianity so that society can be transformed. Addresses practical application of Biblical principles to current cultural issues. (Crosslisted with GCSE 511.)

### IS 350

#### Internship in International Studies 3-12 credit hours

A supervised, on-the-job experience with an approved business, industry, government, or mission agency. The intern puts into practice the skills and knowledge gained from the chosen areas of concentration. May be done in the U.S. or abroad.

### IS 370

#### Problems in International/Community Development 3 credit hours

Directed independent research on a contemporary problem or topic in international studies and community development. This course is offered by arrangement with a faculty member in international studies. A written report and/or an oral presentation are required.

### IS 391

#### Seminar in International/Community Development 3 credit hours

In-depth studies of the various areas of ministry and opportunities in international/community development, including a survey of current needs around the world.

### IS 499

#### Senior Seminar and Paper 3 credit hours

A capstone course required of all ICD seniors. Contains two distinct phases: directed individual research and writing of the senior paper and the planning, preparing, and delivery of a seminar presentation. Students eligible for graduation honors must complete a successful oral defense of the senior paper before a faculty committee. Prerequisite: IS 350.

## MATHEMATICS (MAT)

### MAT 100

#### Introduction to College Mathematics 3 credit hours

A non-specialized course in mathematics that surveys the basic concepts of high school mathematics. (Does not count toward a major or minor in mathematics. Increases the number of hours in a degree program by three credit hours. Does not satisfy general education requirement.)

### MAT 105

#### College Algebra 3 credit hours

An introduction to college algebra that builds on knowledge already accumulated and brings new concepts and technologies into focus to strengthen students' critical thinking processes. (Offered only through the SLLC's Home School College Program.)

### MAT 113

#### Mathematical Analysis I 3 credit hours

A treatment that develops the concepts of number systems, absolute value, inequality, domain, range, local extremes, zeros, relations, and functions. Functions studied include those that are linear, polynomial, radical, absolute value, exponential, and logarithmic. (Does not count toward a major or minor in mathematics.)

### MAT 114

#### Mathematical Analysis II 3 credit hours

A continuation of MAT 113. The concepts developed in the first course are expanded and considered in relationship to rational functions, trigonometric functions, and conic sections. (This is the second course in a two-semester sequence preparing students for calculus. Does not count toward a major or minor in mathematics.) Prerequisite: MAT 113.

### MAT 151

#### Mathematics and Society 3 credit hours

A study of the pattern and order in the universe, including creative thought in making conjectures based on inductive reasoning and application in problem-solving using deductive reasoning. Covers problem-solving, statistics, geometry, finance, and logic. (Does not count toward a major or minor in mathematics. Writing-intensive sections are available.)

Academic technology fee: \$45.

### MAT 201

#### Calculus I 4 credit hours

A thorough course in the differential calculus (with the introduction to anti-differentiation), dealing with the following functions and their applications: algebraic, vector, and transcendental and their inverses.

Prerequisite: MAT 114.

Academic technology fee: \$45.

### 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.  
Academic technology fee: \$45.

**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.  
Academic technology fee: \$45.

**MAT 211**  
**Differential Equations**  
**3 credit hours**

A study of linear  $n$ th order ordinary differential equations, existence and uniqueness of solutions, and various techniques for solving differential equations.

Prerequisite: MAT 202.  
Academic technology 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 151.

**MAT 222**  
**Mathematics Concepts II**  
**3 credit hours**

A study of the underlying theory of elementary mathematical concepts including probability, permutations, combinations, geometry, metrics, congruence, similarity, cartesian coordinates, and transformations using a problem-solving approach. (Does not count toward a major or minor in mathematics.)

Prerequisite: MAT 221.

**MAT 232**  
**Elementary Statistics**  
**3 credit hours**

Designed for students of social and health sciences, education, and business. Includes both descriptive and inferential methods and treats the fundamental concepts exemplified by frequency distributions, measures of central tendency, and variability; the interpretation of results; hypothesis testing; regression; analysis of variance; and chi-square. (Does not count towards major or minor in mathematics.)

Academic technology fee: \$45.

**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 207.  
Academic technology fee: \$45.

**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 fundamen-

tal geometric relationships.  
Prerequisite: MAT 207.  
Academic technology fee: \$45.

**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.  
Academic technology fee: \$45.

**MAT 321**  
**Calculus of Functions of Several Variables**  
**4 credit hours**

A course studying the calculus of several variables including graphs of functions in three dimensions, partial derivatives, directional derivatives, optimization, multiple integrals, and calculus of vectors.

Prerequisite: MAT 202.  
Academic technology fee: \$45.

**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 321.  
Academic technology fee: \$45.

**MAT 332**  
**Introduction to Biostatistics**  
**3 credit hours**

An intermediate-level statistics course for students of the health sciences that includes both descriptive and inferential statistics. Topics include sampling techniques, various standard distributions, hypothesis testing, and computer-related statistical packages. (Does not count toward major or minor in mathematics.)

Prerequisite: MAT 113 or special permission.  
Academic technology fee: \$45.

**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.  
Academic technology fee: \$45.

**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.  
Academic technology fee: \$45.

**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.  
Academic technology 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. (Crosslisted with GPED 628.)

Prerequisite: Admission to the Professional Education Program.

**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.

**MAT 499**  
**Senior Paper/Project**  
**3 credit hours**

Special topics approved by the student and instructor.  
Academic technology fee: \$45.

## MECHANICAL ENGINEERING (ME)

**ME 321**  
**Mechanics of Materials**  
**3 credit hours**

A study of elastic and inelastic stress-strain behavior of engineering materials, deflection of beams, and column action. Incorporates lab experience and design. (Crosslisted with PHY 454.)

Prerequisite: EGR 221.  
Course fee: \$35.

**ME 331**  
**Applied Thermodynamics**  
**3 credit hours**

The application of the principles of thermodynamics to components and systems. Examples include pumps, compressors, engines, turbines, and electricity-generating power plants. Students conduct lab experiments and optimize the design of a steam power plant. Also covers thermodynamics of high speed flows. (Crosslisted with PHY 453.)

Prerequisite: EGR 231.  
Course fee: \$35.

**ME 371**  
**Theory of Machines and Mechanisms**  
**3 credit hours**

A study of the design of machines based on kinematic and kinetic requirements. Machine elements considered include linkages, cams, and engines. Presents inertia force analysis as a basis for the dynamic balancing of rotating machinery. Students conduct lab experiments and design and construct mechanism models.

Prerequisite: EGR 222.  
Course fee: \$35.

**ME 381**  
**Principles of Design**  
**3 credit hours**

The study and application of the methods of analysis used to design machine components based on the stresses and strains induced by static, dynamic, and

thermal loads. Considers avoidance of failure due to impact, fatigue, wear, and surface damage. Introduces finite element analysis of structures. Design projects are required.

Prerequisite: ME 321.  
Course fee: \$35.

**ME 433**  
**Heat Transfer**  
**3 credit hours**

Problem-solving in the three modes of heat transfer—conduction, convection, and radiation—separately and in combinations. Additional topics include boiling, condensation, and heat exchanger design. Students conduct lab experiments, design a heat exchanger, and use the computer for complicated heat transfer analyses.

Prerequisite: ME 331.  
Course fee: \$35.

**ME 441**  
**Fluid Mechanics**  
**3 credit hours**

Analysis of the behavior of stationary and flowing fluids. Topics include fluid statics, control volumes, differential analysis, incompressible inviscid flow, dimensional analysis, incompressible viscous flows, and compressible flows. Students conduct water table experiments. Introduces computational fluid dynamics.

Prerequisite: ME 331.  
Course fee: \$35.

**ME 442**  
**Refrigeration and Air Conditioning**  
**3 credit hours**

The study and design of refrigeration and air conditioning systems based on heating and cooling loads and control requirements. Students design a home heating and air conditioning system.

Prerequisite: ME 331.  
Course fee: \$35.

**ME 450**  
**Special Topics**  
**3 credit hours**

Courses of current interest.  
Prerequisite: Instructor's approval.  
Course fee: \$35.

**ME 461**  
**Manufacturing Processes**  
**3 credit hours**

The study of fabrication processes for the production of metallic, plastic, and composite parts. Includes process design and machine tool lab.

Prerequisite: Junior standing.  
Course fee: \$35.

**ME 482**  
**Advanced Design**  
**3 credit hours**

The application of the principles of machine component design to complete system designs. Emphasizes optimization in the design process and finite element analysis of two and three dimensional models using the computer.

Prerequisite: ME 381.  
Course fee: \$35.

**ME 495**  
**Directed Study**  
**1-3 credit hours**

Directed independent study on problems of limited scope approved on an individual basis. May require

written and/or oral presentation.

Prerequisite: By arrangement with professor and approval of department chair.

## MANAGEMENT (MGT)

**MGT 130**  
**Principles of Management**  
**3 credit hours**

A study of the functions of management; includes the analysis and evaluation of the planning, organization, staffing, controlling, and directing responsibilities of a manager. Covers the theory and applicability of management-by-objectives.

**MGT 333**  
**Supply Chain Management**  
**3 credit hours**

An introduction to and analysis of the principles of supply chain management. Includes how supply chain management integrates many aspects of business functions such as forecasting, inventory management, materials planning and control, information systems, supplier management, transportation/logistics, and customer service. Prerequisites: MGT 130 and ACT 320.

**MGT 341**  
**Business Communications**  
**3 credit hours**

An survey of all areas of business communications, not as an isolated unit of learning but as a universal activity. Designed to cultivate and refine a repertoire of basic essentials of communications.

**MGT 351**  
**Risk Management**  
**3 credit hours**

A survey course outlining risk and insurance, including increased government participation in and regulation of insurance along with current versions of basic insurance contracts.

**MGT 352**  
**Organizational Behavior**  
**3 credit hours**

A study of individual and group behavior and dynamics within organizations, with an emphasis on motivation, leadership, stress, group and intergroup dynamics, conflict, power and politics, and culture.

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 421**  
**Entrepreneurship**  
**3 credit hours**

A study of the art and science of entrepreneurship. Develops technical knowledge through discussion of the tools needed to successfully start and operate a business. Emphasizes the qualitative aspects of entrepreneurship.

**MGT 422**  
**Small Business Basics**  
**3 credit hours**

Studies the management principles concerning planning, organizing, directing, controlling, and staffing at the organizational level in the small business environment.

**MGT 431**  
**Strategic Management**  
**3 credit hours**

Examines the operations of firms within industries from a macro perspective. Studies strategy formulation, strategy implementation, and strategy evaluation and control. Focuses on the competitive abilities and strategies of the firm and integrates concepts from the functional areas of accounting, finance, information systems, management, and marketing. (One of two capstone courses that must be taken by all ORU School of Business seniors.)

Prerequisites: Senior standing and FIN 338.  
Business test fee: \$25.

**MGT 443**  
**Executive Development**  
**3 credit hours**

A study of business career patterns, including a review of the actual careers of successful people in business and an analysis of their behavior patterns. Students relate this information to their own business careers. Includes the history, background, sources, causes of the behavior, and career patterns of the business executive.

Prerequisite: Business major or minor.

**MGT 451**  
**Management Internship**  
**1-3 credit hours**

A special problem in management may be permitted for the student of special ability in lieu of a regular course. It is also possible upon receiving written approval from the instructor to obtain an on-the-job apprenticeship for one semester to provide data for writing a formal paper. (Credit received is determined by the nature and scope of the project.)

Prerequisite: Management major.

**MGT 461**  
**Conflict Resolution**  
**3 credit hours**

An introduction to the principles and application of the processes and theories of personal conflict resolution, mediation, and negotiations. Focuses on conflict resolution in various business related settings.

**MGT 465**  
**Administration of Nonprofit Organizations**  
**3 credit hours**

A study of the functions of management—planning, organizing, leading, and controlling—within the non-

profit sector. Focuses on theories of organizations and general concepts of management, governance, and leadership. Studies organizational design, behavior, performance, and effectiveness and analyzes the special character and management of problems of non-profit organizations.

## MANAGEMENT INFORMATION SYSTEMS (MIS)

### MIS 212 Advanced Business Microcomputer Applications 3 credit hours

A continuation of topics covered in CSC 112. Emphasizes building advanced spreadsheet templates for business concerns, building user-friendly applications in conjunction with a database, and preparing effective presentations using graphics software. Prerequisite: A basic knowledge of word processing, spreadsheets, and database products.

### MIS 347 Network Management 3 credit hours

An application of networking concepts related to the management of local area networks. Includes topics related to planning, implementing, installing, managing, and maintaining local area networks.

### MIS 451 Management Information Systems Internship 1-3 credit hours

A special problem in management information systems may be permitted for the student of special ability in lieu of a regular course. It is also possible upon receiving written approval from the instructor to obtain an on-the-job apprenticeship for one semester to provide data for writing a formal paper. The credit received is determined by the nature and scope of the project. Prerequisite: A major in management information systems.

## MISSIONS (MISS)

### MISS 300 History of Missions 3 credit hours

A short survey of the history of modern missions and an examination of the tactics and practices of the Biblical basis of missions. Proposes a people-to-people strategy working from within the culture.

### MISS 309 Missions and Culture 3 credit hours

Examines the vital role culture plays in spreading the Gospel. Studies the origins and development of people groups from a cross-cultural perspective. Prerequisite: MISS 325.

### MISS 325 Introduction to Christian Missions 3 credit hours

Provides a general overview of missions. Examines missionary principles and practices from Biblical, his-

torical, 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 397 Missions Internship 3-6 credit hours

A work program designed to provide practical experience in a mission environment. Spends a minimum of four months (three months in the summer) on the field under the supervision of competent mission personnel. Prerequisites: Prior cross-cultural experience and acceptance into the Mission Internship Program.

### MISS 404 Church Growth and Planting 3 credit hours

An orientation to the varied dimensions of starting new churches. Applies basic principles and procedures of church growth to both the world mission and local church situations. These studies are related to evangelism, mission, education, and administrative leadership.

## 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. Prerequisite: MKT 130.

### MKT 334 Promotional Management 3 credit hours

A study of the process of analyzing, planning, and evaluating promotional strategy and management. Examines the varied elements of advertising, personal selling and sales promotion, and optimum promotional mix, through integration and organization. Prerequisite: MKT 333.

### MKT 346 Sales Management 3 credit hours

A study of the management of the outside sales force. Topics include organizing, staffing, operating, and planning functions in a sales-management context. Uses

computer simulation. Prerequisite: MKT 130.

### MKT 361 International Marketing 3 credit hours

Provides analysis of the "Five Ps" of marketing as they relate to the globalization of the economy. Emphasizes contemporary periodical articles and textual material. Includes case analysis and student projects to highlight both the theoretical and the operational aspects of international marketing.

### MKT 445 Marketing Research 3 credit hours

A study of the systems, techniques, and methods used in meeting marketing management information needs. Prerequisite: MKT 130.

### MKT 447 Retail Management 3 credit hours

A detailed survey of all aspects of managing a retail operation. Topics include demand analysis, inventory planning and control, marketing mix development, and career opportunities. Prerequisite: MKT 130.

### MKT 451 Marketing Internship 3 credit hours

A special problem in marketing may be permitted for the student of special ability in lieu of a regular course. It is also possible upon receiving written approval from the instructor to obtain an on-the-job apprenticeship for one semester to provide data for writing a formal paper. The credit received is determined by the nature and scope of the project. Prerequisite: Marketing major.

### MKT 455 Marketing Management 3 credit hours

A capstone marketing course designed to integrate the student's knowledge of marketing through case analysis and practical application of the various marketing tools. Prerequisite: Senior marketing major.

## MASS MEDIA COMMUNICATION (MMC)

### MMC 104 Foundations in Mass Media Communication 3 credit hours

A survey of the mass media and an introduction to the Mass Media Studies Program. Includes an introduction to form, content, and current issues relating to modern culture. Also includes consequences of mass communication through historical perspectives.

**MMC 107**  
**Writing for Mass Media I**  
**3 credit hours**

Introduces students to newspaper, reporting, and writing. Prerequisites: MMC 104 and typing ability. Course fee: \$20.

**MMC 127**  
**Introduction to Audio Production**  
**3 credit hours**

A comprehensive introduction to the diverse field of audio production. Covers fundamentals of audio, both analog and digital; the processing of and equipment used in audio; responsibilities of the communicator through the medium of audio; and the diversity of audio as used in radio, television, and recording studios. Students are encouraged to consider responsibilities that the Christian communicator has in the modern media milieu. Course fee: \$40.

**MMC 128**  
**Principles of Audio Production**  
**3 credit hours**

A comprehensive introduction to the diverse field of audio production for MMI majors. Covers the fundamentals of audio, both analog and digital; the processing of and equipment used in audio; the responsibilities of the communicator through the medium of audio; and the diversity of audio as used in radio, television, and recording studios. Students are encouraged to consider the responsibilities that the Christian communicator has in the modern media milieu. Course fee: \$40.

**MMC 205**  
**Writing for Mass Media II**  
**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, and broadcast promotions. Prerequisites: MMC 104 and 107. Course fee: \$20.

**MMC 206**  
**Mass Communication Workshop**  
**1-3 credit hours**

Experience in staff positions with various communications operations on campus, including the University newspaper, student yearbook, regular closed-circuit TV, film projects, advertising production, and web workshop. (May be taken five times for credit.) Prerequisites: MMC 104, 107. Course fee: \$20 for yearbook, newspaper, KORU, and Institute Media Production. \$40 for telenevs gathering, telenevs production, and web workshop.

**MMC 208**  
**Broadcast News**  
**3 credit hours**

Studies basic broadcast journalism, its tools, and techniques. Examines the factors that determine the value of news and how news is gathered and disseminated. Provides experience in writing news for broadcast and in delivering news in an "On Air" situation. Presents a Christian perspective and teaches responsibility as a Christian in the field of broadcasting. Prerequisites: MMC 107, 127, 205, 317, and typing ability. Course fee: \$40.

**MMC 220**  
**Principles of Advertising**  
**3 credit hours**

An introduction to the profession of advertising. Students learn basic terminology, the fundamental roles of advertising in the communication process, how it works as an element of marketing, the functions and effects of advertising in business, the influence of economics on the evolution of advertising, and advertising's overall impact on the society in which it operates.

**MMC 221**  
**Advertisement and Marketing in Telecommunication**  
**3 credit hours**

A study of the problems of product promotion, program distribution, and sale of air time in radio and television.

**MMC 225**  
**Principles of Public Relations**  
**3 credit hours**

An in-depth study of principles in the complex field of public relations, including the development of public relations, public relations in an age of continual change, how public relations works, and how it serves various organizations. Prerequisite: Minimum of sophomore standing.

**MMC 228**  
**Introduction to Television Production**  
**3 credit hours**

A broad overview of television production procedures in the contemporary television production studio. Prerequisites: MMC 107, 127, and a major other than MMC-TV. Course fee: \$40.

**MMC 231**  
**Principles of TV Production**  
**3 credit hours**

Designed to provide a broad overview of television production procedures in the contemporary television production studio. Prerequisites: MMC 107 and 127. Course fee: \$40.

**MMC 304**  
**New Technologies in Industry**  
**3 credit hours**

A survey of new communication technologies in the United States, including their applications and effects. Provides a balance between concepts and application. Guest speakers offer insights on specific topics in telecommunications economics and policy. (This course is taught in the MultiMedia Institute.) Prerequisite: Junior standing. MMI fee: \$1,800.

**MMC 305**  
**Editing for Print**  
**3 credit hours**

A study of the use of principles and practices involved in editing copy (manually and electronically), writing headlines, and doing page layouts for small daily and weekly newspapers. Prerequisites: ENG 101; MMC 104, 107; and MMC 317 recommended.

**MMC 312**  
**Advanced Audio Production**  
**3 credit hours**

Designed to amplify and focus student interest and

study in a specific technical area of television and film. Through lectures, lab, class demonstrations, and projects, the student develops skill and knowledge in the technical and artistic aspects of audio and sound recording techniques for film and television. Prerequisite: MMC 127, junior or senior standing, and major in MMC with MULT concentration. Course fee: \$40.

**MMC 313**  
**Lighting for TV/Film**  
**3 credit hours**

Concentrated study of the technical and creative aspects of lighting. Includes a practical examination of the tools, techniques, and theories of lighting for TV/Film. Prerequisite: MMC 228. Course fee: \$40.

**MMC 314**  
**Media Operations**  
**3 credit hours**

Designed to give the student an understanding of the design and use of equipment in radio, television, and multimedia facilities. Key topics include features and functions of equipment, interconnection, camera setup, drive signals, signal distribution, and new technologies. Course fee: \$40.

**MMC 317**  
**News Reporting**  
**3 credit hours**

Combines basic reporting skills with practical experience, including news writing, press conferences, and interviews. Prerequisites: MMC 107 and 104; typing ability. Course fee: \$40.

**MMC 318**  
**Fundamentals of Scriptwriting**  
**3 credit hours**

Teaches the basics of dramatic scriptwriting for television and film and analyzes script from a Christian viewpoint. Includes conflict, format, characterization, and dialogue. Each student writes a script for television. Prerequisite: MMC 107.

**MMC 321**  
**Mass Media Law**  
**3 credit hours**

A historical examination of the development of legal casework affecting journalists and media communicators. Uses a case study approach involving copyright, freedom of press, freedom of speech, libel, defamation, right of privacy, and obscenity. Prerequisite: Junior or senior standing in Mass Media Communication.

**MMC 329**  
**Advanced Television Production**  
**3 credit hours**

A continued study of studio production techniques begun in MMC 228. Students direct their own productions and participate in class projects. Emphasizes above-the-line, creative elements that result in quality TV productions. Class and lab. (This course is taught only in the MultiMedia Institute.) Prerequisite: MMC 228 or 231; MMC 432. Course fee: \$40.

**MMC 332**  
**Journalism Seminar**  
**3 credit hours**

A multi-directional course with rotating course content emphasizing multiple areas of basic and advanced journalism studies. Includes editing for print, newspaper design and layout, and journalistic ethics.  
 Prerequisites: MMC 107 and 205.

**MMC 345**  
**Announcing**  
**3 credit hours**

A seminar that features a variety of topics of special interest to broadcast journalists and radio production students. Subjects of study include announcing, advanced broadcast journalism, and news feature production.

Prerequisites: MMC 127 and 228.  
 Course fee: \$40.

**MMC 363**  
**Black and White Photography**  
**3 credit hours**

A course in basic photographic procedure using black and white film with available light. Includes use of both the camera and darkroom equipment, composition through the viewfinder of the camera and through the lens of the enlarger, development of film and paper, contact printing, cropping, and mounting. Also includes the application of visual devices (art elements and art principles) to photography. (Crosslisted with ART 363.) (Class contact for lecture and studio—6 hours.)  
 Prerequisites: Senior public relations major.  
 Course fee: \$40.

**MMC 412**  
**Desktop Video/Multimedia Production**  
**3 credit hours**

Introduces students to methods and tools required to produce computer-based interactive media such as CD ROMs, the web and an introduction to DVDs. Emphasizes hands-on mini-projects that require the use of authoring, video, graphics and audio editing software. Principal tools include Macromedia Director/Flash/Dreamweaver, Adobe Premiere/After Effects/Photoshop/Illustrator software.

Prerequisites: Instructor's permission.  
 Course fee: \$20.

**MMC 416**  
**Advertising Layout and Design**  
**3 credit hours**

An introduction to foundational theories and practical application of principles of advertising and marketing for print.

Prerequisites: COM 406, 426, and typing ability.  
 Corequisite: MMC 206.

**MMC 417**  
**Media Analysis**  
**3 credit hours**

Provides students with essential skills to critically evaluate the content of media in popular society, primarily television and film. Students evaluate multiple works and develop written critiques of various genres.

Prerequisite: Junior or senior standing.  
 Course fee: \$40.

**MMC 421**  
**Integrated Marketing Communication**  
**3 credit hours**

Covers all forms of communication relevant to the customer and prospect, including personal selling, sales promotion, public relations and publicity, direct marketing, advertising, and cyber marketing.

Prerequisite: Junior or senior standing.

**MMC 427**  
**Public Relations Management**  
**3 credit hours**

A study of the management function that uses communication to facilitate relationships and understanding between an organization and its many publics. Presents more than fifty cases that describe numerous ways public relations managers make ethical decisions and effectively manage public relations. Students take active parts by applying the various management techniques.

Prerequisites: COM 406 and MMC 426.

**MMC 428**  
**Public Relations Case Studies**  
**3 credit hours**

Models situations that organizations, managers, and public relations practitioners routinely face. Students perform as public relations practitioners in various case studies.

Prerequisite: COM 406.

**MMC 432**  
**Field Production and Editing**  
**3 credit hours**

An in-depth study of field production and editing techniques in television. Students gain new skills and insights to equip them for successful single-camera and multiple-camera remote situations.

Course fee: \$40.

**MMC 437**  
**Film Production Techniques**  
**3 credit hours**

Concentrates on single-camera, dramatic-production techniques. Projects are shot entirely with video equipment, emphasizing film-style shooting. Includes creative and technical elements characteristic of film production.

Prerequisite: MMC 432.

Course Fee: \$40.

**MMC 444**  
**Feature Writing**  
**3 credit hours**

An in-depth study of techniques required to conduct creative interviews and to research, write, and sell feature articles.

Prerequisite: MMC major; MMC 104, 107, 317.

**MMC 447**  
**Producing and Directing**  
**3 credit hours**

An examination of the role of the producer and director in TV production. Emphasizes program concept formation and development for the producer and creative interpretation for the director.

Prerequisite: MMC 228.

Course fee: \$40.

**MMC 457**  
**Advanced Field Production/Editing**  
**3 credit hours**

Examines both long and short form productions shot on location. Emphasizes commercials, documentaries,

and demonstrational video productions.

Prerequisite: MMC 432.

Course fee: \$40.

**MMC 489**  
**Mass Communication Strategies and Design**  
**3 credit hours**

A capstone course incorporating teamwork to develop, create, and deliver a specific product to a defined audience, utilizing print, media, and personal presentation.

Prerequisite: Senior standing.

**MMC 499**  
**Senior Research Project**  
**3 credit hours**

Specialized research culminating in a senior paper and/or other approved project.

Prerequisite: Permission of instructor.

Course fee: \$40.

## MUSIC (MUS)

**MUS 001-025**  
**Applied Music (Secondary Instrument or voice)**  
**1 credit hour**

Vocal, keyboard, or orchestral instrument or MIDI controller lessons. (One 25-minute lesson per week.)

Prerequisite: Department approval.

Music lesson fee for non-music majors: \$250.

**MUS 026-050**  
**Applied Music (Primary Instrument or voice)**  
**2 credit hours**

Vocal, keyboard, or orchestral instrument, or MIDI Lab lessons. (One 50-minute lesson per week.)

Prerequisite: Department approval.

Non-major fee: \$500 per credit hour.

**MUS 061-089**  
**Performance Groups**  
**1 credit hour**

Band, choir, orchestra, or ensemble.

MUS 061 Chamber Singers

MUS 062 Men's Chorus

MUS 063 University Chorale

MUS 064 Women's Chorus

MUS 065 Orchestra

MUS 066 Oratorio

MUS 067 Wind Ensemble

MUS 072 TV Singers

MUS 073 Opera Theatre

MUS 075 Studio Jazz Ensemble

MUS 077 Basketball Band

MUS 081 Guitar Ensemble

MUS 082 Woodwind Ensemble

MUS 084 Percussion Ensemble

MUS 085 Vocal Jazz Ensemble

MUS 086 Jazz Combo

MUS 087 Bell Choir

MUS 089 Contemporary Music Ministry Ensemble

Music instrument use fee: \$55 for use of University-owned musical instruments.

**MUS 099**  
**Music Seminar**  
**.5 credit hour**

Content includes the following: (1) convocations to orient students to departmental policies, to advise students for preregistration, and to instruct students in

special areas of music interest, such as music ministry as it relates to the superordinate goals of the University and music's interrelatedness to the visual arts, drama literature, and history; (2) recitals of faculty and students in solo and ensemble performances; and (3) recital and concert performances both on and off campus. (This course is required for seven semesters for music majors—only four receive credit—and four semesters for minors.)

**MUS 100**  
**Fundamentals of Music**  
**3 credit hours**

A study of the rudiments of music, including notation, scales, key signatures, simple intervals, primary triads, dominant seventh chords, basic musical terminology, and simple practices in contemporary music, as well as ear training and keyboard chording. (Not designed for music majors.)

**MUS 101**  
**Harmony I**  
**2 credit hours**

Provides a foundation in analytical, quasi-compositional, and keyboard skills combined with historical perspectives. Introduces style periods and style analysis. Includes the rudiments of music and harmonic concepts and all diatonic triads in major and minor keys in root position and inversions. Presents melodic structure for purposes of analyzing and creating with applications to music beyond that of the common practice period of Western civilization. (Companion course to MUS 103.) Prerequisite: None, but basic notational skills are recommended.

**MUS 102**  
**Harmony II**  
**2 credit hours**

A continuation of MUS 101. Includes (1) analysis of music of 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.

**MUS 103**  
**Sight Singing and Ear Training I**  
**2 credit hours**

Practice and drill combined 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 (their division primarily); intervals; melodies built around leaps of the primary chords in primarily treble and bass clefs and in major and minor modes; aural perception of harmony involving the principal triads with inversions, and the supertonic and leading tone triads. Prerequisite: None, but basic notational skills are recommended.

**MUS 104**  
**Sight Singing and Ear Training II**  
**2 credit hours**

Practice and drill combined 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 syn-copation, 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; and (3) some aural-visual recognition of melody.

Prerequisites: MUS 101 and 103; or evidence of comparable study or skills.

**MUS 105**  
**Introduction to Music Technology**  
**1 credit hour**

A survey of concepts, equipment, and techniques associated with the modern electronic studio. Includes most aspects of MIDI and the use of microphones, speakers, and the mixer board.

Prerequisite: MUS 100 or 101.

**MUS 124**  
**Preparatory Class Piano**  
**1 credit hour**

A course designed for non-music majors who have had little or no previous experience in reading music. Instruction includes basic musical skills, elementary reading, improvisation, and solo and ensemble repertoire.

Prerequisite: Permission of instructor.

**MUS 125**  
**Class Piano I**  
**1 credit hour**

A course designed for students with minimal piano training. Group instruction includes simple sight reading in treble and bass clefs, improvisation, and beginning keyboard technique, such as all major scales and arpeggios, accompaniments, solo and ensemble repertoire, and elementary keyboard transposition.

Prerequisite: Ability to read treble and bass clefs; permission of instructor.

Lab 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.

Lab 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.

Lab fee: \$55.

**MUS 128**  
**Class Piano IV**  
**1 credit hour**

A lecture-demonstration-lab course designed primarily for music majors whose secondary instrument is piano and who need additional development of moderately advanced keyboard skills including sight reading, transposition, improvisation, memorizing, accompanying, and score reading. Prepares music majors to fulfill the requirements of the piano proficiency examination. Frequent solo performances in class enable the student to develop good musicianship, accuracy, and poise during keyboard performances of solo and ensemble repertoire.

Prerequisite: MUS 127 or equivalent.

Lab fee: \$55.

**MUS 130**  
**Class Guitar**  
**1 credit hour**

A lecture-demonstration teaching method designed to acquaint the novice with appropriate skills for playing the classical guitar in a variety of styles and settings.

**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. (Music Education students (MUEI) cannot repeat this course as part of their minimum 2-hour requirement in secondary instruments.)

**MUS 134**  
**Class MIDI Controllers**  
**1 credit hour**

A survey of master controllers as input devices for the production of live and sequenced electronic music. (May be taken 3 times.)

Prerequisite: MUS 105 or equivalent.

**MUS 201**  
**Harmony, Sight Singing, and Ear Training III**  
**3 credit hours**

A continuation of MUS 102 and 104 that employs lecture, discussion, demonstration, compositional and analytical assignments, and drill of advanced musicianship skills. Includes (1) aural and visual analysis of music representative of late Renaissance polyphony, 18th-century counterpoint, variation techniques, and Romanticism including altered chords; (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 and of post-Romanticism, Impressionism, and the contemporary (20th century); (2) quasi-compositional skills in imitating and adapting the styles and techniques studied; (3) sight singing and

ear training work with comprehensive analysis; and (4) keyboard skill applying theoretical concepts of remote or foreign modulations.

Prerequisites: MUS 201 and 104; or evidence of equivalent skills and knowledge.

**MUS 205**  
**History and Literature of Music I**  
**4 credit hours**

Studies the development of music from antiquity through the classical period.

**MUS 206**  
**History and Literature of Music II**  
**4 credit hours**

The development, styles, and literature of music from Beethoven to the present.

**MUS 207**  
**Guitar Skills and Improvisation**  
**2 hours credit**

A study of the mechanics of contemporary worship using acoustic guitar as the primary vehicle and the improvisational techniques associated with it.

Prerequisite: Music Theory Placement exam or MUS 100.

**MUS 208**  
**Music in World Cultures**  
**3 credit hours**

A survey of the relationships between various peoples of the world and their respective cultures. Studies aspects of music style, performance practices, preferred musical instruments, and musical expressions for various cultures and subcultures.

**MUS 210**  
**Keyboard Skills and Improvisation**  
**2 hours credit**

Teaches specific keyboard skills necessary for the performer for functioning within a praise and worship context. Improvisational techniques are studied and applied to contemporary music.

Prerequisite: Music Theory Placement exam or MUS 100.

**MUS 228**  
**Contemporary Music Theory/Lead Chart Notation**  
**3 hours credit**

Presents contemporary music theory concepts that equip the student to function within a contemporary musical framework.

Prerequisite: MUS 210 or MUS 207.

**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. (Music education 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 Italian, French, and German texts in vocal literature.

Prerequisite: MUS 241.

**MUS 300**  
**Music Appreciation**  
**3 credit hours**

A non-technical course aimed at increasing the enjoyment and appreciation of music by the listener with little or no previous music background. Includes a brief survey of music history and the basic principles of music form as illustrated by masterworks. (Designed for the non-music major.)

**MUS 301**  
**Form and Analysis**  
**2 credit hours**

The study of musical form and structure with particular emphasis on a comprehensive analysis of stylistic traits representing different periods and cultures.

Prerequisite: MUS 102; MUS 201 and 202 are recommended.

**MUS 302**  
**Orchestration**  
**2 credit hours**

Examines the range and characteristics of orchestral instruments; scoring for strings, winds, and full orchestra.

**MUS 310**  
**Studies in Advanced Music Technology**  
**3 credit hours**

An in-depth study of concepts, equipment, and techniques associated with the modern electronic music studio. Includes most aspects of MIDI as well as dedicated music software, poweruser techniques, current trends, hardware, and information resources. Other subjects may include notation, composing for pictures, sequencing, sampling, controllers, and other topics. The course, designed to follow MUS 105, is project-oriented and requires lab time.

Prerequisite: MUS 105 or equivalent.

**MUS 313**  
**Sequencing and Digital Audio**  
**3 credit hours**

A course designed to acquaint students with the creative potential of the sequencer as an essential tool in modern electronic studios. Includes the use of sequencers to compose, arrange, orchestrate, and perform commercially viable musical ideas. Digital audio is fully integrated, making non-linear acoustic recording part of the process.

Prerequisite: MUS 105 or equivalent.

**MUS 315**  
**Multimedia for Musicians**  
**3 credit hours**

A survey of the developments in music application within multimedia. Emphasizes music and sound within the realms of video, games, CD projects, and the World Wide Web.

Prerequisite: MUS 313.

**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.

Prerequisite: MUS 029; MUS 241 and 242 recommended.

**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.

Prerequisites: B.M.E. or B.Mu. student and have passed all degree requirements through the sophomore year.

**MUS 327**  
**Keyboard Pedagogy and Repertoire**  
**1 credit hour**

A lecture-discussion-demonstration course for the keyboard major or minor who anticipates a future profession in individual and group studio teaching.

Prerequisite: Department approval.

**MUS 329**  
**Band Pageantry**  
**1 credit hour**

The fundamental techniques of drill design and band management.

**MUS 333**  
**Conducting I**  
**2 credit hours**

A practical lab course in both choral and instrumental conducting that stresses baton technique, interpretation, rehearsal techniques, and score reading as specifically related to the needs of the elementary and secondary choral and instrumental school music teacher as well as the church musician.

**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.

**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.

**MUS 341**  
**Brass and Percussion Instruments Class**  
**1 credit hour**

A survey of the fundamentals of each brass and percussion instrument. Includes methods, teaching materials, and application of two or more of the instruments. Music instrument use fee: \$55.

**MUS 342**  
**Woodwind Instruments Class**  
**1 credit hour**

A survey of the fundamentals of each of the woodwind instruments. Includes methods, teaching materials, and application of two or more of the instruments. Music instrument use fee: \$55.

**MUS 350**  
**Hymnology**  
**2 credit hours**

Studies the development of hymnody from the Early Church to contemporary usage. Examines 19th and 20th century Gospel hymns and their effective use in the Christian church of today.

**MUS 351**  
**Service Playing**  
**2 credit hours**

A lecture-discussion-laboratory course in the planning and performance of keyboard preludes, offertories, postludes, interludes, hymns, responses, and accompaniments appropriate for traditional formal and informal church services as well as keyboard music appropriate for charismatic worship services and special occasions. Includes practical study and performance of keyboard sight-reading, modulation, transposition, improvisation, choral score reading, alternate harmonizations, descants, and hymn-tune arrangements. Focuses on service-playing music for piano, organ, or digital keyboards. Prerequisite: MUS 128 or equivalent with department approval.

**MUS 401**  
**Principles of Counterpoint**  
**2 credit hours**

The study and analysis of 18th-century counterpoint. Focuses on two-voiced writing based mainly on the principles of the Baroque composers. Prerequisite: MUS 202.

**MUS 412**  
**Music Technology Practicum**  
**3 credit hours**

Guided research accompanied by practical application leads to final projects, normally submitted on CD or audio or video tape. Course projects are accompanied by a detailed written description of the creative process. Prerequisite: MUS 105.

**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.Mus. 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.

Prerequisites in applied music: Primary—For MUP majors, 14 credit hours and a successful junior recital. For MULW majors, at least 12 credit hours and a successful junior recital. For MUC and MUCT majors, at least 8 hours of applied composition and 6 hours of a primary instrument. For MUE majors, at least 10 hours. For MUA majors, at least 12 hours and a successful junior recital.

**MUS 426**  
**Elementary Music Methods and Evaluation**  
**3 credit hours**

A course designed to help the prospective elementary music teacher learn how to combine the art of music with the art of learning. Focuses on bridging teaching-learning theory with practicality through the use of a four-step model: studying the theoretical basis or rationale of the teaching method, observing demonstrations by the methods instructor, practicing the new teaching skill with other methods students, and receiving coaching from the methods instructor.

**MUS 427**  
**Secondary Music Methods and Evaluation**  
**2 credit hours**

A study of methods and materials especially applicable for teaching music in middle and high school. Covers both performance and nonperformance classes. Requires eight hours of music class/rehearsal observation in public school.

**MUS 431**  
**Composition: Advanced Studies--Ensembles**  
**3 credit hours**

Designed to teach students how to compose and arrange music for instrumental/vocal ensembles. Studies techniques of composing for vocal and instrumental ensembles.

**MUS 441**  
**String Instruments Class**  
**1 credit hour**

A study of the fundamentals of each of the stringed instruments of the orchestra. Includes methods and teaching materials as well as observation of Suzuki teaching.

Music instrument use fee: \$55.

**MUS 442**  
**Advanced String Instruments Class**  
**1 credit hour**

A continuation of MUS 441. Places emphasis on one member of the string family.

Music instrument use fee: \$55.

**MUS 443**  
**Conducting II: Choral**  
**2 credit hours**

Continues the study of choral conducting and the criteria for developing a choral music program in the public school system. Includes classifying voices, developing choral tone, programming concerts, and researching a repertoire of music suitable for use in the public school and church music programs.

Prerequisite: MUS 333.

**MUS 444**  
**Conducting II: Instrumental**  
**2 credit hours**

Continues the study of instrumental conducting and the criteria for developing functional and fundamental

Marching-band techniques and repertoire, establishing rehearsal techniques for instrumental classroom situations, and developing a usable repertoire for the elementary and secondary instrumental curriculum.

Prerequisite: MUS 333.

**MUS 451**  
**Church Music Administration**  
**3 credit hours**

A study of various methods of organizing and administering the music program of the church. Introduces materials and methods for teaching and/or supervising graded choirs, bell choirs, youth choirs, and adult choirs. Includes an organ seminar to acquaint the church musician who is not an organist with the pipe organ.

**MUS 452**  
**Music and Worship in the Charismatic/Evangelical Church**  
**3 credit hours**

A historical study of the nature and theological and Biblical foundations of worship practices in the Pentecostal/charismatic renewal movement, the place of music in that context, and the use of music in the evangelical church. Included is a study of the Biblical rationale for the type of worship called "praise and worship." Emphasizes training the student to be a worship leader.

**MUS 455**  
**Church Music Literature**  
**1 credit hour**

An overview of choral literature with an emphasis on contemporary music for the church.

Prerequisite: Experience in a church or a school choir; A first-year music theory reading ability. Facility at the piano is helpful.

**MUS 461**  
**Departmental Seminar**  
**3 credit hours**

A guided research seminar leading to the preparation of a project or paper in subject areas relating to the student's major emphasis.

**MUS 490**  
**Church Music Practicum**  
**3 credit hours**

A practicum in which students gain practical experience in a church setting. (To be taken by church music students in the semester of study.)

Prerequisite: Permission from the Coordinator of Church Music.

**MUS 499**  
**Senior Project/Paper**  
**2-3 credit hours**

Designed for seniors (possibly second semester juniors) studying under the guidance of a faculty advisor to produce a research paper or creative artistic project or paper or a research-oriented educational project. B.M.E. candidates may choose to complete a project/paper for two credit hours, instead of three, which would be approximately two-thirds of the full requirement and deal with a specific educational issue.

Prerequisites: B.M.E. majors need five semesters of the appropriate applied music primary; B.Mus. (sacred only) need seven semesters of the appropriate applied music primary; B.A. majors need four semesters of the appropriate applied music primary.

## NURSING (NUR)

### **NUR 200** **Called to Care** **1 credit hour**

Introduces the beginning student to the Theory of Nursing for the Whole Person and to the nursing profession within the context of a Christian worldview. Addresses historical heritage, current professional environments, and future trends.  
Prerequisites: Sophomore standing.

### **NUR 202** **Foundations of Nursing** **5 credit hours**

Introduces the basic principles of professional nursing. Emphasizes communication skills and the application of selected concepts within a variety of clinical settings. Presents concepts and skills within the framework of the Theory of Nursing for the Whole Person.  
Prerequisites or corequisites: NUR 200, 300, and prerequisite courses for the nursing major.

### **NUR 300** **Health Assessment** **1 credit hour**

Prepares the nursing student to perform comprehensive physical health assessments across the lifespan. Includes ways to integrate mental and spiritual assessment skills in a culturally sensitive approach while evaluating health status. Uses lecture/discussion, small groups sessions, and simulated laboratory experiences for practice of assessment skills that are performed in nursing practice.  
Prerequisites: PHS 223 and 224.  
Corequisite: NUR 202.

### **NUR 301** **Pharmacotherapeutics** **2 credit hours**

A study of the theoretical and clinical application of basic pharmacological principles that address pharmacologic agents from the perspective of major drug classifications. Reviews medication administration, dosage calculation, and critical thinking skills specific to professional nursing practice.  
Prerequisites: NUR 202, 300.  
Corequisites: NUR 304, 305.

### **NUR 304** **Community Mental Health Nursing** **4 credit hours**

Addresses the mental health of individuals, families, and communities with emphasis on facilitating the quest for wholeness. Theory and practice are directed toward promotion, maintenance, and restoration of health.  
Prerequisites: NUR 202, 300.

### **NUR 305** **Patterns of Health and Illness I** **4 credit hours**

Applies nursing theory, scientific principles, and critical thinking skills to promote, maintain, and restore the patterns of health of individuals and families. Emphasizes pulmonary, cardiovascular, and hematological systems across the lifespan. Includes medical-surgical clinical experiences in diverse acute care and community environments.  
Prerequisites: NUR 200, 202, 300.  
Corequisites: NUR 301, 304.

### **NUR 307** **Patterns of Health and Illness II** **7 credit hours**

Integrates nursing theory, scientific principles, and critical thinking into professional nursing practice for the care of individuals and families. Focuses on the promotion, maintenance, and restoration of wholeness for adults and children. Clinical assignments include experiences in both pediatric and adult acute-care and community settings.  
Prerequisites: NUR 301, 304, 305.  
Corequisites: NUR 498.

### **NUR 400** **Patterns of Health and Illness III** **4 credit hours**

Applies nursing theory and practice toward individuals whose patterns of health and illness have been altered by their internal and external environments. Focuses on specific complex care concepts as well as the interrelatedness of maintaining and restoring wholeness and harmony within the mind, body, and spirit. Analyzes the roles of the nurse and nurse specialist as provider and manager of care. Clinical experiences provide the opportunity to examine leadership skills required to manage a group of patients in the acute care setting.  
Prerequisite: NUR 305 and 307.

### **NUR 401** **Professional Transition** **2 credit hours**

A course designed to facilitate student's transition from associate degree nursing to baccalaureate nursing education. Familiarizes the student with the theory of nursing for the whole person, which provides the conceptual framework of the nursing curriculum. Addresses current issues relevant to professional nursing practice.

### **NUR 403** **Patterns of Community Health** **4 credit hours**

A study of the principles of community nursing theory and Christian, professional, and social values for professional nursing practice. Students synthesize professional practice issues in caring for individuals, families, and groups in diverse community clinical environments. Emphasizes writing skills in both pedagogy and assessment of student learning. (This is a writing-intensive course.)  
Prerequisite: NUR 307.

### **NUR 405** **Patterns of Leadership** **6 credit hours**

A study of leadership processes in nursing. Studies standards and quality of care in view of measures to effect change within the community. Applies leadership skills in a variety of community settings and culminates in the presentation of a student-designed community project. Students learn by utilizing and analyzing group process in various roles.  
Prerequisites: NUR 400, 403, 499.

### **NUR 406** **Patterns of Health and Illness IV** **6 credit hours**

Covers high acuity nursing as it applies to individuals whose patterns of health and illness have been altered in both their internal and external environments. Synthesizes nursing knowledge and advanced skills in caring for individual, families, and communities experiencing crisis. Focuses on development of leadership skills required for effective communication. Clinical

experiences take place in critical care areas as well as in a variety of high acuity settings as the student prepares for the transition of student to nurse.  
Prerequisite: NUR 400, 403, and 499.  
Corequisite: NUR 405.

### **NUR 430** **Patterns of Childbearing** **4 credit hours**

Nursing theory, scientific principles, and critical thinking skills are utilized to promote, maintain, and restore the patterns of health of individuals and families experiencing child bearing in diverse environments. Culturally sensitive care is emphasized in reproductive health, antepartum, intrapartum, postpartum, and neonatal nursing. Clinical focuses on birthing and immediate postpartum nursing of the family unit in acute care setting and selected community and maternal-child experiences.  
Prerequisite: NUR 200, 202, 300, 301, 304, 305, and 307.

### **NUR 477** **NCLEX-RN Review** **2 credit hours**

A review of all major nursing content from the perspective of the nursing process. Students assess their own strengths and weaknesses of nursing knowledge through diagnostic tools and formulate a plan for areas of needed growth.  
Prerequisites: Completion of sophomore, junior, and fall semester senior-level nursing courses.  
Corequisites: NUR 405 and 406.

### **NUR 478** **Nursing Missions** **2-3 credit hours**

Provides a worldview of missions aimed toward ministry to unreached, unevangelized people groups. Emphasizes physical, mental, and spiritual preparation for a missions experience. Students design, implement, and evaluate a plan for ministry to a select community. (Enrollment priority is given to nursing students and/or students of other majors participating in a spring break missions trip. Credit for only the course is 2 hours; credit for the course and the missions trip is 3 hours.)  
Prerequisite: Junior or senior standing.  
Corequisite: Concurrent enrollment in a spring nursing course.

### **NUR 479** **Special Topics** **1-4 credit hours**

Provides an opportunity for studies in nursing-related areas not covered in other classes. Topics vary.

### **NUR 498** **Research/Senior Paper I** **2 credit hours**

Involves the generation of a research proposal focused on a question of clinical significance to nursing. Guides the student in conceptualizing the study from the perspective of the theory of nursing for the whole person. Synthesis of relevant literature and selection of an appropriate research design are completed. (Research is implemented in NUR 499. Honors sections are available.)  
Prerequisites: NUR 304 and 305, MAT 232, and ENG 305.

### **NUR 499** **Research/Senior Paper II** **2 credit hours**

Provides the structure within which the student com-

pletes and implements the research study proposed in NUR 498. Covers the process of data collection, data summary and analysis, formulating conclusions and interpretations, and making recommendations for nursing practice, education, and research. Use of the theory of nursing for the whole person to conceptually frame the research study provides an opportunity for the student to evaluate the validity of the theory for research and nursing practice. (Honors sections are available.) Prerequisite: NUR 498.

## NUTRITION (NUT)

### **NUT 201** **Nutrition** **3 credit hours**

A study of the basic principles of nutrition, including the chemical characteristics and functions of nutrients and the determination of nutritional requirements for individuals during growth, pregnancy, lactation, old age, and other special conditions. (Does not count towards the mathematics/science general education requirement.)

Prerequisite: One semester of biology or chemistry.

## PROFESSIONAL EDUCATION (PED)

Note: Most upper division PED courses have a prerequisite of admission to the Professional Educational Program.

### **PED 100** **Education Seminar** **0 credit hours**

Provides an opportunity for candidates to hear special speakers from current, relevant areas, such as the State Department of Education and State Commission. (Required every semester.) Course fee: \$25.

### **PED 103** **Introduction to Professional Education** **1 credit hour**

Orients the student to the profession of education and the planning involved with teaching. Includes an introduction to the state teacher evaluation process and how to incorporate the state criteria in designing instructional strategies. (Offered only to students completing the bachelors of science degree in elementary education through distance education. Crosslisted with GPED 500.)

### **PED 104** **Prior Learning Assessment** **3 credit hours**

A study designed to assist the student seeking college credit for prior learning experiences. Defines experiential learning and examines the steps of the assessment process. Students are guided in the production of a School of Education learning assessment portfolio. (The course is a prerequisite to applying for prior learning assessment and credit. Offered only to students completing the bachelors of science degree in elementary education through distance education.) Prerequisite: PED 103.

### **PED 111** **Field-Based Experience—Elementary** **1 credit hour**

An opportunity for students with a prospective teaching career to observe and participate in an actual elementary classroom setting for a minimum of 30 hours. Corequisite: PED 203.

### **PED 121** **Field-Based Experience—Secondary** **1 credit hour**

An opportunity for students with a prospective teaching career to observe and participate in an actual secondary classroom setting for a minimum of 30 hours. Corequisite: PED 203.

### **PED 203** **Foundations and Methods of Education** **3 credit hours**

An introduction to education, acquainting the student with the history, philosophy, profession, procedures, and practices of American education in relation to social, political, religious, and economic factors. Examines significant current issues and Biblical principles of teaching. Emphasizes individual and group career planning. Course fee: \$50.

### **PED 204** **Foundations and Philosophy of Education** **4 credit hours**

An introduction to education. Students evaluate the effects of their decisions, dispositions, practices, and actions on others (students, parents, and other professionals) in the learning community from a Christian worldview. Acquaints students with the history, philosophy, profession, procedures, and practices of American education. These issues are studied within the contexts of social, political, religious and economic life. Students examine significant current issues and Biblical principles of teaching. Emphasizes individual and group career planning. Corequisite: PED 111 or 121. Course fee: \$50.

### **PED 222** **School Health Care** **1 credit hour**

A course providing the professional education major with a knowledge of medical conditions, both acute and chronic, that occur in both primary and secondary schools. Introduces both federal and state laws pertaining to health in the school environment. Discusses various social issues that can influence a student's physical and mental well-being. (Crosslisted with GPED 502.)

### **PED 224** **School Health and Safety** **0-2 credit hour**

Presents health and safety information from the Comprehensive School Health Curriculum for kindergarten through eighth grade and includes an analysis of school health programs. (Offered only to students completing the bachelors of science degree in elementary education through distance education.)

### **PED 313** **Human Growth and Development** **3 credit hours**

A study of 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. (Crosslisted with GPED 513.) Prerequisite: Education minor or admission to the Professional Education Program.

### **PED 353** **Exceptional Individuals** **3 credit hours**

Acquaints the student with the different exceptionalities served in schools. Stresses assessment procedures, placement, methods, materials, and strategies. (Offered only to students completing the bachelors of science degree in elementary education through distance education. Crosslisted with SED 353 and GSED 553.)

### **PED 361** **Professional Education Portfolio/Seminar** **0-1 credit hour**

Aids student teachers in the completion of a professional portfolio that fulfills requirements of the School of Education and reflects competencies required for teaching licensure in the State of Oklahoma. (Crosslisted with GPED 571.) Prerequisite: Admission to Student Teaching Program. Corequisite: Student teaching.

### **PED 363** **Educational Technology** **3 credit hours**

Focuses on the selection, preparation, use and sources of media and computer technologies for future teachers. (Crosslisted with GPED 563.) Prerequisite: Education minor or admission to the Professional Education Program. Course fee: \$25.

### **PED 372** **Classroom Management and Educational Law** **3 credit hours**

A study of the various approaches in behavior management. Emphasizes behavior modification techniques. Introduces teacher candidates to token learning principles and how they apply to behavior management in the classroom. Provides the opportunity for the study of the relationships between students, parents, teachers, schools, and federal, state, and local government with an emphasis on the legal framework with which each participant must interact. (Crosslisted with GPED 572.) Prerequisite: Education minor or admission to the Professional Education Program.

### **PED 382** **Educational Assessment** **2 credit hours**

Theory and application of educational evaluation and assessment including evaluation for planning and instruction; construction and evaluation of classroom tests; test values and limitations; evaluation and administration of standardized tests; portfolio development and evaluation; and grading and reporting procedures. (Crosslisted with GPED 582.) Prerequisite: Education minor or admission to the Professional Education Program.

**PED 401**  
**Instructional Methods and Strategies:**  
**Elementary, Early Childhood, and**  
**Special Education**  
**3 credit hours**

A course assisting students in becoming reflective practitioners by exploring current issues in elementary education. Students learn and utilize various research-based instructional techniques, planning strategies, methods, and assessment practices for elementary schools. (Crosslisted with GPED 640.)

Prerequisite: Admission to the Professional Education Program.

**PED 404**  
**Seminar in Education**  
**1-3 credit hours**

Special professional seminars or workshops in the field of education that may be particularly useful to education majors but not accessible under the normal delivery system. The seminars and workshops may cover a variety of topics applicable to education, especially topics of current and noteworthy interest. (May be repeated for credit if the experiences are sufficiently varied and the student's advisor approves. Crosslisted with GPED 704.)

Prerequisite: Admission to the Professional Education Program.

**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. (Crosslisted with GPED 641.)

Prerequisite: Education minor.

**PED 465**  
**Student Teaching: Early Childhood**  
**4-5 credit hours**

In-class observation, teacher assistance, and student teaching under the professional supervision of a university supervisor and a cooperating teacher in an early childhood classroom. Teacher candidates engage in both curricular and extracurricular programs. Includes theories of education evaluation and testing. (Crosslisted with GPED 665.)

Prerequisite: Admission to the Professional Education Program and acceptance of student teaching application.

Corequisite: PED 361.

**PED 475**  
**Student Teaching: Elementary**  
**4-10 credit hours**

In-class observation, teacher assistance, and student teaching under professional supervision of a university supervisor and a cooperating teacher in an elementary school. Students engage in both curricular and extracurricular programs. Theory of education evaluation and testing is included. (Crosslisted with GPED 675.)

Prerequisite or corequisite: PED 361.

Prerequisites: Admission to the Professional Education Program; acceptance of Student Teaching Application.

**PED 485**  
**Student Teaching: 7-9**  
**4-5 credit hours**

Seven weeks (full-time) in-class observation, teacher assistance, and student teaching under professional

supervision of a cooperating teacher in a junior high or middle school and a university supervisor. Students engage in both curricular and extracurricular programs. (Crosslisted with GPED 685.)

Prerequisite or corequisite: PED 361.

Prerequisites: Admission to the Professional Education Program; acceptance of Student Teaching Application.

**PED 490**  
**Directed Study**  
**1-3 credit hours**

A course designed to provide the student with an opportunity to select readings in education that pertain to the degree program. Special activities and/or projects may be suggested by the professor.

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. (Crosslisted with GPED 695.)

Prerequisite or corequisite: PED 361.

Prerequisites: Admission to the Professional Education Program; acceptance of Student Teaching Application.

## PREHEALTH PROFESSIONS (PHP)

**PHP 400**  
**Medical Seminar**  
**1 credit hour**

Introduces premed students to the arena of medicine, specifically family practice medicine. Incorporates discussion of medical cases, seminar presentations from authorities in special fields, and mentoring by physicians.

Prerequisites: Premed junior or senior, a 3.4 or better GPA, and approval by the health professions advisor and course coordinator.

## PHYSIOLOGY (PHS)

**PHS 219**  
**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.

**PHS 223**  
**Human Anatomy Lecture**  
**3 credit hours**

An introductory course that presents the structure of the human organism from the cellular level to the organismal level. Includes the study of skeletal, muscular, cardiovascular, urinary, respiratory, endocrine, nervous, reproductive, gastrointestinal, and lymphatic systems. (Does not count toward a major in biology.)

Prerequisite: One semester of general biology or chemistry with lab.

Corequisite: PHS 223 Lab.

**PHS 223**  
**Human Anatomy Laboratory**  
**1 credit hour**

An introductory laboratory course that presents the structure of the human organism from the cellular level to the organismal level. Models and cadavers are used to study the skeletal, muscular, cardiovascular, urinary, respiratory, endocrine, nervous, reproductive, gastrointestinal, and lymphatic systems. (Meets for one 3-hour lab per week. Does not count toward a major in biology.)

Corequisite: PHS 223 Lecture.

Lab fee: \$35.

**PHS 224**  
**Human Physiology Lecture**  
**3 credit hours**

Studies the structures of human cells, tissues, organs, and organ systems as well as their functions, processes, integration and control. Areas covered include the circulatory, endocrine, blood and respiratory, digestive, urinary, and reproductive systems. (Meets the requirements of students in nursing, medical technology, health and physical education. Does not count toward a major in biology.)

Prerequisites: PHS 223 Lecture and Lab.

Corequisite: PHS 224 Lab.

**PHS 224**  
**Human Physiology Laboratory**  
**1 credit hour**

Emphasizes physiological systems and principles. Involves the use of microscope slides, audiovisuals, electrocardiograph and myograph equipment, respirometers, and various clinical apparatus and tests for the purpose of exploring the physiological processes. (Meets for one 3-hour lab per week. Does not count toward a major in biology.)

Corequisite: PHS 224 Lecture.

Lab fee: \$35.

## PHYSICS (PHY)

**PHY 101**  
**General Physics I Lecture**  
**3 credit hours**

An introduction to the laws and principles of physics including mechanics, heat, and sound. (Primarily for liberal arts and biological science students. Not applicable to a physics major or minor.)

Prerequisite: MAT 113 or instructor's approval.

Corequisite: PHY 101 Lab.

**PHY 101**  
**General Physics I Laboratory**  
**1 credit hour**

Lab exercises to supplement PHY 101 Lecture.

Corequisite: PHY 101 Lecture.

Lab fee: \$35.

**PHY 102**  
**General Physics II Lecture**  
**3 credit hours**

A continuation of PHY 101 Lecture. Includes electricity, magnetism, light, and modern physics.

Prerequisite: PHY 101 Lecture.

Corequisite: PHY 102 Lab.

**PHY 102**  
**General Physics II Laboratory**  
**1 credit hour**

Lab exercises to supplement PHY 102 Lecture.  
 Corequisite: PHY 102 Lecture.  
 Lab fee: \$35.

**PHY 111**  
**Physics I Lecture**  
**3 credit hours**

Introduction of vector algebra: calculus-based studies of mechanics, heat, and thermodynamics.  
 Prerequisite or corequisite: MAT 201.  
 Corequisite: PHY 111 Lab.

**PHY 111**  
**Physics I Laboratory**  
**1 credit hour**

Experiments in mechanics and heat to supplement PHY 111.  
 Corequisite: PHY 111 Lecture.  
 Lab fee: \$35.

**PHY 112**  
**Physics II Lecture**  
**3 credit hours**

Calculus-based studies of wave motion, sound, electricity, magnetism, and light. Includes an introduction to modern physics.  
 Prerequisite: PHY 111 Lecture.  
 Corequisite: PHY 112 Lab.

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

Experiments in wave motion, sound, electricity, magnetism.  
 Corequisite: PHY 112 Lecture.  
 Lab fee: \$35.

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

An introductory treatise of the theory of relativity, atomic structure, matter waves, quantum mechanics, statistical mechanics, solid-state theory, radioactivity, and nuclear reactions.  
 Prerequisite: PHY 112 Lecture.  
 Corequisite: PHY 211 Lab.

**PHY 211**  
**Introduction to Modern Physics**  
**Laboratory**  
**1 credit hour**

Experiments in classical and quantum physics, including atomic and nuclear spectroscopy, radioactivity, solid-state physics, and interferometry.  
 Corequisite: PHY 211 Lecture.  
 Lab fee: \$35.

**PHY 302**  
**Heat and Thermodynamics**  
**3 credit hours**

A course in thermodynamics including the first and second laws, thermometry, kinetic theory, thermodynamic property relations, ideal gas mixtures, and elementary power and refrigeration cycle analyses. Includes lab experiments. (Crosslisted with EGR 231.)  
 Prerequisites: PHY 111 Lecture and Lab and MAT 202.  
 Course fee: \$35.

**PHY 311**  
**Mechanics I: Statics**  
**3 credit hours**

A study of the statics of particles and rigid bodies, equilibrium of rigid bodies; concentrated and distributed force systems; shear and bending moment stresses in beams and other rigid bodies; force analysis of machines, frames, and trusses; force resultants using vectors in two and three dimensions; friction forces; center of gravity; moments of inertia. (Crosslisted with EGR 221.)  
 Prerequisites: PHY 111 Lecture and Lab.  
 Course fee: \$35.

**PHY 312**  
**Mechanics II: Dynamics**  
**3 credit hours**

A study of the dynamics of particles and systems of particles; rectilinear kinematics and curvilinear motion, relative motion of two particles, Newton's laws of motion; work and energy; impulse and momentum; planar kinematics and kinetics of a rigid body; and vibrations. (Crosslisted with EGR 222.)  
 Prerequisite: EGR 221.  
 Course fee: \$35.

**PHY 321**  
**Electronics I Lecture**  
**3 credit hours**

An introduction to the basic concepts underlying the analysis and design of circuits using diodes, transistors, and Field Effect Transistors. Includes bias stability of amplifiers, design of power amplifiers and power supplies, and frequency response of active circuits. (Crosslisted with EE 321 Lecture.)  
 Prerequisite: EGR 210.  
 Corequisite: PHY 321 Lab.

**PHY 321**  
**Electronics I Laboratory**  
**1 credit hour**

The companion lab to PHY 321 Lecture. Covers measurements of the characteristics of semi-conductor devices and the analysis and design of single-stage BJT and FET amplifiers. (Crosslisted with EE 321 Lab.)  
 Corequisite: PHY 321 Lecture.  
 Lab fee: \$35.

**PHY 331**  
**Electromagnetic Theory**  
**3 credit hours**

A study of electrostatics, electric and magnetic circuits and fields, electromagnetic induction, and Maxwell's equations in differential and integral forms.  
 Prerequisites: PHY 112 Lecture and MAT 202.  
 Course fee: \$35.

**PHY 334**  
**Vibrations and Sound**  
**3 credit hours**

An analytical and qualitative treatment of mechanical waves in fluids and solids and of vibrating mechanical systems.  
 Prerequisites: PHY 112 Lecture and MAT 211.

**PHY 341**  
**Advanced Physics Laboratory**  
**1-3 credit hours**

Selected experiments in physics either using lab equipment or a computer. (Three hours per week in lab work to be done for each credit hour.)  
 Prerequisites: PHY 211 and instructor's approval.  
 Lab fee: \$35.

**PHY 401**  
**Optics**  
**3 credit hours**

A study of geometrical and physical optics, optical devices and materials, electromagnetism, and applied laser optics.  
 Prerequisite: PHY 211 Lecture.  
 Course fee: \$35.

**PHY 402**  
**Quantum Mechanics**  
**3 credit hours**

An introduction to quantum mechanics and the application of Schrodinger's equation to simple systems.  
 Prerequisites: PHY 211 Lecture and MAT 211.  
 Course fee: \$35.

**PHY 429**  
**Secondary Methods: Science**  
**3 credit hours**

A course designed to prepare science education students with ideas and practical knowledge for the classroom. Focuses on materials and methods of teaching biology, chemistry, physics, and physical science. (Crosslisted with BIO 429 and CHE 429.)

**PHY 450**  
**Special Topics**  
**3 credit hours**

Topics vary by semester.  
 Prerequisites: Approval of the department chair and instructor.  
 Course fee: \$35.

**PHY 453**  
**Applied Thermodynamics**  
**3 credit hours**

Application of the principles of thermodynamics to components and systems. Examples include pumps, compressors, engines, turbines, electricity-generating power plants, and the thermodynamics of high speed flows. Students conduct lab experiments and optimize the design of a steam power plant. (Crosslisted with ME 331.)  
 Prerequisite: EGR 231.  
 Course fee: \$35.

**PHY 454**  
**Mechanics of Materials**  
**3 credit hours**

A study of elastic and inelastic stress-strain behavior of engineering materials, deflection of beams, and column action. Incorporates lab experience and design. (Crosslisted with ME 321.)  
 Prerequisite: EGR 221.  
 Course fee: \$35.

**PHY 455**  
**Mathematical Methods in Physics**  
**3 credit hours**

Application of mathematics methods in solving physics problems involving linear and nonlinear differential and partial differential equations.

**PHY 498**  
**Senior Research and Design I**  
**2 credit hours**

First part of a two-semester, project-oriented course. Topics include research techniques, time management, patent searches, and manufacturing. Oral and written presentations are required at various stages. Student teams apply the design process by developing a project from research and proposal through construction

and testing. (Crosslisted with EGR 498.)  
Corequisites: EGR 461 and senior standing.  
Course fee: \$35.

**PHY 499**  
**Senior Research and Design II**  
**2 credit hours**

Continuation of PHY 498. Student teams apply the design process by developing a project through construction and testing. Requires oral presentations and a written report. (Crosslisted with EGR 499.)  
Prerequisite: PHY 498.  
Course fee: \$35.

## PRACTICES OF MINISTRY (PRM)

**PRM 506**  
**Leadership Training**  
**3 credit hours**

A study of leadership emergence theory, which focuses not so much on human leadership training programs as on how to best utilize and be good stewards of the incidences God places in human lives.

**PRM 511**  
**Introduction to Christian Missions**  
**3 credit hours**

An introduction to the fundamentals of missiology and to the mandate directing the Church to be an active participant in this global enterprise. It also surveys the historical development of missions, its strategies and structures, and the cultural factors that must be considered to adequately communicate the Good News to people from other cultures.

**PRM 516**  
**Historical and Theological Foundations of Missions**  
**3 credit hours**

An examination of the Biblical mandate to evangelize the world from its earliest manifestation in Genesis to its application in the New Testament. Also includes a treatment of how well this mandate has been obeyed throughout the history of the Church.

**PRM 519**  
**Missionary Basics**  
**3 credit hours**

Introduces missionary candidates to the needs, options, and qualifications for missionary personnel. Includes preparation, church relations, strategies, funding, and life in other countries.

**PRM 528**  
**Christian Approaches to Counseling**  
**3 credit hours**

Provides students with an understanding of the worldview that supports Christian counseling. Examines the assumptions, goals, and techniques of five approaches to Christian counseling.

**PRM 539**  
**The Contemporary Family**  
**3 credit hours**

Provides students with an overview of the dynamics and dilemmas facing contemporary families.

**PRM 544**  
**Principles of Church Growth**  
**3 credit hours**

An introduction to the spiritual dynamics, Biblical basis, and sociological phenomena concerned with how people are converted and incorporated into the Body of Christ. Examines literature on church growth in the United States and the church overseas. Includes both theoretical and strategic dimensions.

**PRM 549**  
**Foundations of Christian Education**  
**3 credit hours**

A study of the historical, philosophical, and psychological foundations of Christian education. Integrates the theory and practice of educational ministry and guides the student in developing a philosophy of education appropriate for the Christian setting.

**PRM 551**  
**Christian Education**  
**3 credit hours**

A study of the educational ministry of the local church. The student demonstrates an understanding of the educational mandate given the Church by developing a Biblically sound, educational philosophy integrating theology and principles from related social sciences to provide a foundation for effectively implementing the educational ministries in the local church.

**PRM 553**  
**Ministry in the Urban Setting**  
**3 credit hours**

A study of the church in the urban/suburban context. Examines several types of churches and their communities to discover how they perceive and pursue their work. Focuses on discovering and identifying alternative strategies for mission in the urban context at home or abroad.

**PRM 554**  
**Bible Institute/Christian School Education**  
**3 credit hours**

A course designed to provide students an opportunity to examine the educational process within the Christian school. Emphasizes historical antecedents, philosophical guidelines, administrative practice, and curricular instructional patterns.

**PRM 558**  
**Spiritual Formation and Discipleship**  
**3 credit hours**

An examination of spiritual formation—how the Christian faith is developed in the life of a person intellectually, emotionally, and behaviorally through discipleship in one-on-one or group settings.

**PRM 560**  
**Teaching the Word**  
**3 credit hours**

A practical exploration of the teaching and learning process as a foundation for Bible study and teaching all age levels in the church. Includes learning and teaching theory and process, objectives, lesson planning, and methodologies.

**PRM 571**  
**Theology of Counseling**  
**3 credit hours**

A course designed to provide a Biblical and theological framework for the work of the Christian counselor. Integrates theological truth and psychological principles by exploring such topics as epistemology, empow-

erment, and whole-person healing within the Pentecostal/charismatic traditions.  
Prerequisites: PRM 528; GTHE 507 and 518.

**PRM 573**  
**Major Religions of the World**  
**3 credit hours**

Acquaints the student with the historical and contemporary beliefs and practices of the world's major religious faiths other than Christianity.

**PRM 575**  
**Missionary Anthropology**  
**3 credit hours**

An introduction to the fundamental aspects of cultural anthropology from a Christian perspective. Emphasizes the importance of culture and the way it affects the perception of reality, cross cultural ministry, and culture change.

**PRM 578**  
**Contextualized Theology**  
**3 credit hours**

An examination of theologies that have emerged in representative non-Western settings as a mature phase of the advance of the Christian church into all the world. Focuses on cultural factors that influence the theological process and underscores the necessity of diversity in Christian theology to answer the multifaceted dimensions of human needs.

**PRM 582**  
**Introduction to Evangelism**  
**3 credit hours**

A study of contemporary methods of evangelism, particularly those that have been proven to produce permanent results. Develops spiritual strengths and skills with which these methods should be applied. Addresses how to disciple those who are evangelized and train others to do this same work of evangelism and discipleship.

**PRM 583**  
**Evangelism in Context**  
**3 credit hours**

A course designed to help students develop a special sensitivity to the religious/spiritual background and cultural context of the people being evangelized. Studies effective methods of evangelism in various ministry contexts.

**PRM 623**  
**Ethics and Professional Issues in Counseling**  
**3 credit hours**

A study of the ethics, values, and litigation that affect the counseling field and professionals. Examines the role of the professional counselor.

**PRM 624**  
**Counseling Diverse Populations**  
**3 credit hours**

A course that seeks to develop culturally effective counselors through learning from one's own culture, being teachable in encounters with those who differ, and coming to respect other cultural perspectives as equal to one's own. Emphasizes the historical perspectives, intercultural counselor, culture, individuality, values, family systems, sexual roles, ethics, and models of counseling as well as variables related to age, disability, lifestyles, and faiths.

**PRM 625**  
**Counseling Theories**  
**3 credit hours**

A survey of the major concepts and counseling approaches of the contemporary therapeutic systems. Students learn to incorporate concepts and approaches into their own personalized style of counseling.

**PRM 626**  
**Principles of Biblical Counseling**  
**3 credit hours**

An introduction to basic concepts and procedures of Biblical counseling. Students learn to integrate knowledge and skills into their personal counseling style.

**PRM 627**  
**Crisis Counseling**  
**3 credit hours**

A course designed to acquaint the student with the nature and dynamics of crisis situations. Emphasizes intervention principles and procedures in the context of situational crises and includes the concept of training laypersons for basic crisis intervention.

**PRM 630**  
**Counseling Methods**  
**3 credit hours**

Designed to foster an understanding of the developmental nature of the counseling process. In addition to group interaction regarding case studies, students function both as a counselor and client. Focuses on the use of prayer, Scripture, and Holy Spirit empowerment. Students also produce and critique five counseling practice tapes.

**PRM 635**  
**Human Growth and Development**  
**3 credit hours**

A basic overview of the life span from conception through death to provide an understanding of the development of the cognitive, affective, moral, and spiritual factors as they relate to effective ministry. Includes foundational work in developmental theories and the relationship to family and church life.

**PRM 639**  
**Family Development**  
**3 credit hours**

Traces the historical development of the family and acquaints students with Biblical, theological, sociological, and psychological aspects of family development. Gives special attention to the developmental and transitional issues of the family life cycle.

**PRM 640**  
**Human Sexuality**  
**3 credit hours**

Provides a Biblical perspective of human sexuality and its many expressions throughout life.

**PRM 641**  
**Assessment in Marital and Family Therapy**  
**3 credit hours**

A study of the methods and measures of assessment of couples and families. Includes a variety of interview styles and common evaluations.

**PRM 642**  
**Family Therapy**  
**3 credit hours**

Examines the historical development of family therapy and major theoretical approaches to the treatment of

families. Focuses on conceptualizing family dynamics from a systems perspective and creating appropriate interventions to manage and alleviate difficulties and dysfunction that emanate from family interaction. Prerequisites: PRM 643.

**PRM 643**  
**Marital and Family Systems Theory**  
**3 credit hours**

A survey of systems theory, the family system, and the integration of systems theory with marriage and family therapy and a review of major contributors to family systems theory and therapy. Examines various components of this system, including gender-related, family of origin, and communication issues.

**PRM 645**  
**Counseling the Elderly**  
**3 credit hours**

An overview of the field of gerontology. Provides students with information on adult development and aging. Ways to help and counsel the elderly are examined.

**PRM 650**  
**Multimedia and Computers in Ministry**  
**3 credit hours**

Introduces contemporary tools that can be used to enhance the ministry of the local church. Emphasizes skills in multimedia (print and audio) and basic computer usage.

**PRM 651**  
**Church in the Contemporary World**  
**3 credit hours**

A foundational course focusing on making Christian moral decisions in the context of individual and social responsibilities. Students use survey instruments for church and community to gather data for class discussions. Encourages sensitivity to the urgent mission call of the individual Christian and the Church.

**PRM 652**  
**Ministries with Children**  
**3 credit hours**

An overview of children's ministries from birth through the sixth grade. Gives special attention to children and conversion, worship, and spiritual formation and also deals with crisis situations, such as grief and physical and sexual abuse.

**PRM 653**  
**Discipling Youth**  
**3 credit hours**

An exploration of the nature and needs of youth, with special attention on their physical, mental, emotional, social, and spiritual development. Emphasizes developing one-on-one relationships and the process of spiritual formation and includes principles and methods for effective ministry to youth and their families during crises.

**PRM 656**  
**The Adult Learner**  
**3 credit hours**

A survey of issues, developmental tasks, and Biblical principles for contemporary adults. Emphasizes adult learning, both in church and community programs.

**PRM 657**  
**Special Projects in Church and Community**  
**3 credit hours**

Independent investigation of specific church and com-

munity ministries under the supervision of a faculty member.

**PRM 658**  
**Curriculum of Christian Education**  
**3 credit hours**

A course designed to aid the pastor and Christian educator in his or her educational ministry in the church. Studies the principles, aims, selection, and creative use of curricula and resources to fulfill the educational task of the church in developing Christian faith and discipleship.

**PRM 659**  
**Leadership and Administration in the Church**  
**3 credit hours**

Examines the church through the focus of Christian education and deals with the practical aspects of administering the Christian education program (Bible teaching ministries) of the church. Topics include organization, planning, staff selection, motivation, training, evaluation, and general leadership principles and problems. Bases administrative procedures on Biblical and theological purposes of Christian education.

**PRM 660**  
**Practical Theology for Charismatic Ministry**  
**3 credit hours**

A course designed to help implement the promises of God and to build the Kingdom of God through spiritual warfare and the prophetic ministry. These Biblical principles can be applied personally for the church, city, or nation.

**PRM 661**  
**Preaching and the Healing Ministry**  
**3 credit hours**

A study of the dynamics of preaching and the healing ministry within the context of the worshipping community. Provides a general introduction to Christian ministry and an opportunity to learn from leading ministers in the contemporary church.

**PRM 663**  
**Text to Sermons**  
**3 credit hours**

A course designed to enable the preacher to become a better craftsman. Drawing upon the resources of Biblical studies and theology and employing the principles of hermeneutics and exegesis, students organize a variety of outlines, prepare six full manuscripts, and concentrate on introduction, conclusions, and preparation procedures that contribute to effective preaching.

**PRM 664**  
**Black Preaching in the African-American Tradition**  
**3 credit hours**

Explores major styles and methods of Black preaching. Also examines the major parts of preaching that, regardless of ethnic origin, distinguish preaching from other forms of discourse.

**PRM 669**  
**Practice Preaching**  
**2 credit hours**

A lab course in which students prepare 12 outlines and 2 manuscripts on assigned texts and preach 3 times before the class and video cameras. Evaluations are made by the class, professor, and personal study of video tapes.

Prerequisite: PRM 661.

**PRM 670**  
**Abnormal Human Behavior**  
**3 credit hours**

An introduction to the study of abnormal and maladaptive behavior. Emphasizes descriptions and theoretical survey of the major forms of deviant patterns of behavior; classification systems; and developmental, personality, and religious variables affecting behavioral patterns.

**PRM 671**  
**Religion and Personality**  
**3 credit hours**

An introduction to historical and contemporary religious and psychological theories about human nature. Includes critical discussion to foster the development of a Christian worldview regarding personality and human nature.

**PRM 673**  
**Introduction to Pastoral Care**  
**3 credit hours**

A course designed to help students become more knowledgeable, effective, and sensitive pastors when ministering to persons in need. Covers selected topics in the pastoral care field. Focuses on the work of the Christian minister to care for God's people.

**PRM 676**  
**Marriage Counseling**  
**3 credit hours**

An introduction to cognitive-behavioral approaches to marriage counseling.

**PRM 678**  
**Advanced Pastoral Care**  
**3 credit hours**

A course designed for graduate theology students who already have some basic information or experience in pastoral care and counseling. Focuses on the theology and practice of pastoral care from Biblical, theological, and charismatic perspectives.

Prerequisite: PRM 673.

**PRM 679**  
**Vocational and Occupational Guidance**  
**3 credit hours**

A course designed to acquaint the student with the historical, philosophical, and theoretical basis of vocational psychology and career development.

Prerequisite: PRM 625.

**PRM 680**  
**Pastoral Ministry Yesterday, Today, and Tomorrow**  
**3 credit hours**

A study of Pentecostal/charismatic pastoral theology applicable to contemporary ministry. Students investigate the nature and functions of pastoral ministry from Biblical, historical, and contextual perspectives. Provides instruction in the practical aspects of ministry to prepare the student for pastoral work in tomorrow's church society.

**PRM 681**  
**Group Dynamics**  
**3 credit hours**

An investigation of small group process through reading and surveying research literature, with an emphasis on the development of interpersonal skills. Studies a variety of intervention techniques from various theoretical approaches.

**PRM 685**  
**Power Encounter**  
**3 credit hours**

A study of the clash between the power of Jesus Christ and certain ways in which Satan manifests his power, usually when the Gospel comes into conflict with a worldview having completely different presuppositions.

**PRM 691**  
**Women in Ministry**  
**3 credit hours**

Examines Biblical, theological, sociological, and psychological foundations for women in ministry. Studies positive cultural factors as well as current cultural barriers.

**PRM 697**  
**Prayer: the Personal Discipline of the Minister**  
**3 credit hours**

A study of the Biblical foundations of, models for, and contemporary approaches to prayer. Examines corporate and personal prayer and prayer as intercession, worship, and meditation.

**PRM 721**  
**The Minister as Equipper**  
**3 credit hours**

A course designed to help the student minister in the various aspects of equipping the laity. Examines current approaches to training, enabling, and empowering volunteers desiring to participate in ministry opportunities in the church.

**PRM 723**  
**Counseling Children and Adolescents**  
**3 credit hours**

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

**PRM 724**  
**Testing and Assessment I**  
**3 credit hours**

An introductory course in assessment terminology and procedures. Presents knowledge and skills in the appraisal of children and adolescents in terms of their cognition, aptitude, achievement, learning disability, neuropsychology, environment, and personality. Emphasizes using various forms of assessment, rather than just standardized testing.

Course fees: \$32.50 instrument fee; Background check, \$25.50; liability insurance, \$15.

**PRM 732**  
**Testing and Assessment II**  
**3 credit hours**

Continues to build on the knowledge and skill base gained in assessment techniques. Highlights assessment of personality and the mental status exam as well as the clinical interview.

Prerequisite: PRM 724.

Course fees: \$32.50 instrument fee; Background check, \$25.50; liability insurance, \$15.

**PRM 734**  
**Leadership for Team Ministries**  
**3 credit hours**

A study of the dynamics of a multiple staff ministry.

Students demonstrate an understanding of the roles, responsibilities, and relationships of the vocational church by assessing their own spiritual gifts, personalities, and communication styles and by presenting a group research project.

**PRM 744**  
**Planting New Churches**  
**3 credit hours**

Deals with church planting in general and in different social contexts and emphasizes the church planter, the strategies, and the product. Analyzes models of successful church planting as well as the problems associated with the contextualization of church forms in pioneer work.

**PRM 746**  
**Contemporary Issues in Christian Education**  
**3 credit hours**

A research seminar on current issues in Christian education, such as alternatives in church education, public and Christian school trends, the church's ministry in higher education, and the latest research in Christian education.

**PRM 749**  
**Directed Study**  
**1-3 credit hours**

A directed course of research and writing under the supervision of a faculty member. Topics must be approved by the professor, advisor, and academic dean and be related to the use of practical theology.

Prerequisites: Approval of instructor and dean.

**PRM 750**  
**Christian Education Practicum**  
**3 credit hours**

A practicum experience in Christian education and administration in a church under the supervision of a professional educator or pastor.

Prerequisite: Completion of 45 hours of program requirements.

Course fee: Background check, \$25.50; liability insurance, \$15.

**PRM 757**  
**Ministries with Families**  
**3 credit hours**

A study of the dynamic interrelationships of church and family. Emphasizes designing and implementing church programs that provide instruction for all phases of church/family living and church/home cooperation.

**PRM 759**  
**Current Issues and the Church**  
**3 credit hours**

The study of current issues with which the church must deal effectively. Explores causes, consequences, and proposed solutions.

**PRM 760**  
**Cognitive Therapy**  
**3 credit hours**

An in-depth presentation of a cognitive approach to therapy with an emphasis on the process of identifying and changing core beliefs (second order change).

Prerequisite: PRM 625.

**PRM 762**  
**Narrative Therapy**  
**3 credit hours**

An in-depth presentation of a narrative approach to ther-

apy. Emphasizes techniques of externalization and restoring.

Prerequisites: PRM 625 and 643.

**PRM 763**  
**Counseling Practicum**  
**3 credit hours**

Provides an opportunity to become acquainted with the practice of counseling. Working in various settings, students interact with counseling professionals and learn about counseling as it is practiced within an agency.

Prerequisites: PRM 625, 630, 635, and 670; Proof of malpractice insurance.

Course fees: Background check, \$25.50, and liability insurance, \$15.

**PRM 764**  
**Marriage and Family Therapy Practicum**  
**3 credit hours**

Provides students with an opportunity to become acquainted with the practice of marriage and family therapy. Working in various settings, students interact with counseling professionals and become familiar with counseling as it is practiced within an agency.

Prerequisites: PRM 630, 635, 643, and 676; Proof of malpractice insurance.

Course fees: Background check, \$25.50, and liability insurance, \$15.

**PRM 766**  
**Preaching on Controversial Issues**  
**3 credit hours**

A course in which students take 12 assigned subjects on controversial issues, find texts, design 12 outlines, write 6 full manuscripts, and preach 4 sermons before the class and video cameras. Evaluations are made by the class, professor, video replay, and personal study of cassettes.

**PRM 767**  
**The Preacher as Evangelist**  
**3 credit hours**

A study of the content, methods, and procedures used in evangelistic preaching and the dynamics of the revival method. The class explores such vocational opportunities as evangelist, revivalist, and pastor-evangelist within the context of a postmodern world.

**PRM 769**  
**Practice Preaching (Persuasive)**  
**2 credit hours**

An introduction to the theories, practices, and ethics of persuasion and to methods used to preach to the whole person. Students are assigned 12 texts on evangelistic themes, prepare 12 outlines, write 6 full manuscripts, and preach 4 sermons before the class and video cameras. Evaluations are made by the class, professor, video replay, and personal study of the cassettes.

**PRM 770**  
**Psychopathology**  
**3 credit hours**

An advanced course to provide students with an in-depth understanding of psychological and psychiatric disorders.

Prerequisite: PRM 670.

**PRM 773**  
**Language Acquisition**  
**3 credit hours**

A study of the perspectives and attitudes necessary to learn to communicate in a new language quickly and

effectively. Combines knowledge of language learning with methods for adapting to a new cultural environment to ensure the new missionary establishes good relationships and is not hindered in communicating the Gospel. Focuses on building relationships rather than stressing cognitive input exclusively. Includes local field opportunities to help students in the acquisition and testing of all these skills.

**PRM 775**  
**Missionary Internship**  
**3 credit hours**

Participation in a missionary activity working with nationals. This experience is supervised by a faculty member and/or an experienced missionary selected by ORU. Includes a period of training and study prior to departure, participant observation, and post trip reporting.

Course fees: Background check, \$25.50; liability insurance, \$15.

**PRM 777**  
**Missiological Research Project**  
**3 credit hours**

An independent field study of some aspect linked with missionary or church growth activity. The project includes theoretical formulations, participant observation, and faculty supervision.

Prerequisite: Approval of instructor.

**PRM 780**  
**Clinical Pastoral Education**  
**3-6 credit hours**

Provides an opportunity for learning skills of pastoral care in a clinical setting. The course and its 12-week clinical are by arrangement with affiliated hospitals and conducted in connection with the Association for Clinical Pastoral Education under the direction of a certified CPE supervisor.

Prerequisite: PRM 623 and 763.

**PRM 781**  
**Counseling Internship**  
**3 credit hours**

Provides the student with practical experience in selected client care responsibilities and in a broad range of roles performed by the professional counselor. Students gain experience in core areas of counseling, assessment, consultation, and professional functioning.

Prerequisites: PRM 763 and 623.

Course fees: Liability insurance, \$15.

**PRM 782**  
**Marriage and Family Therapy Internship**  
**3 credit hours**

Provides the student with practical experience in selected client care responsibilities and in a broad range of roles performed by the professional counselor. Students gain experience in core areas of marriage and family therapy counseling, assessment, consultation, and professional functioning.

Prerequisites: PRM 623 and 764.

Course fees: Liability insurance, \$15.

**PRM 784**  
**Counseling Research**  
**3 credit hours**

A course to develop graduate-level skills in the formulation of a research problem, research hypothesis, sampling, data gathering, basic statistics, the utilization of computer-based methodologies in the analysis of data, and the interpretation of data.

**PRM 788**  
**Leadership in Ministry**  
**3 credit hours**

A study of Biblically sound and academically informed principles and practices for effective leadership in ministry today. Students demonstrate an understanding of the principles and practices of leadership by assessing their own leadership styles, developing strategic plans for growth, and developing a theology of leadership that integrates Biblical principles, the model of Jesus Christ, and current research in leadership.

**PRM 793**  
**Church Administration**  
**3 credit hours**

An introduction to organizational theory, leadership expectations, and administrative styles as they apply to church life. Students explore types of churches, relational skills, staff relationships, finance campaigns, and programs for making disciples; examine case studies; and develop project designs.

## PHYSICAL SCIENCE (PSC)

**PSC 101**  
**Principles of Physical Science Lecture**  
**3 credit hours**

An introduction and overview to the physical sciences of astronomy, physics, and chemistry. (Does not count toward major or minor in science. Not open to students with previous college-level course in physics.)

Prerequisite: Entry-level knowledge of high school algebra is recommended.

Corequisite: PSC 101 Lab.

**PSC 101**  
**Principles of Physical Science Laboratory**  
**1 credit hour**

Lab exercises to provide practice, manipulation, and visualization of principles that supplement PSC 101 Lecture.

Corequisite: PSC 101 Lecture.

Lab fee: \$30.

**PSC 103**  
**Broadcast Electronics Lecture**  
**3 credit hours**

A study of simple circuits, electronics associated with broadcasting and broadcasting equipment. (Not applicable to a major or minor in physics or engineering. Not applicable to general education requirement except for mass media communication majors.)

Prerequisites: PSC 101 Lecture and Lab.

Corequisite: PSC 103 Lab.

**PSC 103**  
**Broadcast Electronics Laboratory**  
**1 credit hour**

A study of AC/DC circuits, measuring instruments, diode, and transistor circuits.

Corequisite: PSC 103 Lecture.

Lab fee: \$30.

**PSC 201**  
**Principles of Earth Science Lecture**  
**3 credit hours**

An introduction to the subject matter of the earth sciences: geology, oceanography, geomorphology, and

meteorology. Studies the processes at work within the earth, on the surface, and in the air and oceans. Emphasizes plate tectonic theory.  
Corequisite: PSC 201 Lab.

**PSC 201**  
**Principles of Earth Science**  
**Laboratory**  
**1 credit hour**

Lab exercises to supplement PSC 201 Lecture.  
Corequisite: PSC 201 Lecture.  
Lab fee: \$30.

**PSC 350**  
**Environmental Geography Lecture**  
**3 credit hours**

A study of human ecology focusing on problems created by human habitation of and interaction with the earth. Topics include culture, ecology, population, resources, food, energy, and pollution as well as social, economic, political, and ethical issues. (Crosslisted with GEO 350.)  
Corequisite: PSC 350 Lab.

**PSC 350**  
**Environmental Geography**  
**Laboratory**  
**1 credit hour**

Lab exercises to supplement PSC 350 Lecture.  
Corequisite: PSC 350 Lecture.  
Lab fee: \$30.

## PSYCHOLOGY (PSY)

**PSY 201**  
**Introduction to Psychology**  
**3 credit hours**

A survey of the basic principles of psychology, including development, motivation, emotion, learning, intelligence, physiological aspects, sensory processes, perception, attention, measurement, and personality.

**PSY 212**  
**Social Psychology**  
**3 credit hours**

A study of the effects of groups upon individual behavior. Includes the application of psychological principles to traditional interactions between individuals and society. (Crosslisted with SOC 212.)

**PSY 250**  
**Behavior Management**  
**3 credit hours**

A course combining didactic instruction with supervised experience in changing behavior and some experience with student presentations made in the context of a seminar format. 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 biopscho-social-spiritual development throughout the human life span. Examines the mutual interdependence between the developing individual and his or her various social systems, including family, groups, organizations,

and community. Topics include developmental theories, stages of development, normal developmental tasks and milestones, developmental problems, human diversity, and the Behavior Dynamics Assessment Model. (This course helps supply the human behavior in the social environment content for the social work professional degree plan. Crosslisted with SWK 309.)  
Prerequisites: BIO 101 and PSY 201.

**PSY 305**  
**Physiological Psychology**  
**3 credit hours**

A survey of neural and endocrine mechanisms followed by detailed consideration of selected problems in physiology of behavior. Emphasizes learning, motivation, and sensory processing.  
Prerequisite: PSY 201.

**PSY 321**  
**Psychology of Personality**  
**Development**  
**3 credit hours**

A study of the principal interpretations of personality development, description, dynamics, and determinants.  
Prerequisite: PSY 201.

**PSY 322**  
**Psychology of Learning and**  
**Motivation**  
**3 credit hours**

An experimental theoretical analysis of the concepts and principles of learning and motivation, particularly the simpler types of learning, such as conditioning.  
Prerequisite: PSY 201.

**PSY 323**  
**Psychological Measurement**  
**3 credit hours**

A study of the theory of psychological measurement. Includes a survey of individual and group tests used to measure general abilities, aptitudes, interest, and personality characteristics.  
Prerequisites: PSY 201 and MAT 232.

**PSY 324**  
**Cognitive Psychology**  
**3 credit hours**

An introduction to the many areas of cognitive psychology, such as memory, consciousness, cognitive development, and problem-solving. Emphasizes both theoretical implications and practical applications.  
Prerequisites: PSY 201 and 322.

**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 354**  
**History and Systems of Psychology**  
**3 credit hours**

A study of major systems of psychology in historical perspective, with a view to discovering relationships between theory and empirical data.  
Prerequisite: PSY 201.

**PSY 401**  
**Experimental Psychology**  
**2 credit hours**

A survey of the fundamentals of psychological research,

experimentation, data analysis, and report writing.  
Prerequisites: PSY 201 and MAT 232.  
Corequisite: PSY 401 lab.

**PSY 401**  
**Experimental Psychology**  
**Laboratory**  
**1 credit hour**

An application in a lab setting of concepts learned in PSY 401 Lecture.  
Corequisite: PSY 401 lecture.

**PSY 411**  
**Counseling Psychology I**  
**3 credit hours**

A study of the major theoretical concepts of counseling psychology presented with practical applications of those concepts in terms of counseling strategies and techniques. Students formulate appropriate hypotheses concerning representative client problems and propose competent methodologies/strategies for addressing those problems.  
Prerequisites: PSY 201, 321, and 338.

**PSY 412**  
**Counseling Psychology II**  
**3 credit hours**

Builds upon the prerequisite course and focuses on the teaching and application of the principles of group processes, family dynamics, and other special problems in counseling psychology.  
Prerequisite: PSY 411.

**PSY 423**  
**Advanced Psychology Seminar**  
**3 credit hours**

A discussion of contemporary figures and topics in the areas of sensation and perception, cognition and complex human learning, and the applied areas of industrial and educational psychology.  
Prerequisites: PSY 201, 305, and 322.

**PSY 450**  
**Directed Study**  
**1-3 credit hours**

Under supervision of a behavioral science faculty member, the student pursues a specialized learning experience with learning objectives and implementation procedures.  
Prerequisites: Psychology major, junior or senior standing, and approval of instructor and department chair.

**PSY 451**  
**Senior Internship**  
**1-3 credit hours**

On-the-job experience in applying psychological principles. Students work in local agencies under the supervision of professional psychologists.  
Prerequisites: Senior standing and approval of department chair.

**PSY 461**  
**Honors Research**  
**1-3 credit hours**

Designed for the honor student who wishes to pursue individual research on a specific problem.  
Prerequisites: Psychology major, junior or senior standing, and approval of instructor and department chair.

**PSY 499**  
**Senior Paper**  
**3 credit hours**

The completion of appropriate independent research

under the direction of a faculty advisor. (A topic is selected by the student with approval of advisor.)

Prerequisite: PSY 401 with lab

## READING (READ)

### READ 100

#### 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.

## SPECIAL EDUCATION (SED)

### SED 104

#### American Sign Language for Educators 3 credit hours

Acquaints students with basic signed utterances and receptive understanding of American Sign Language and the implications of its use in the classroom.

### SED 313

#### Assessment and Program Planning 3 credit hours

Develops competencies in utilizing diagnostic instruments and interpreting evaluation results. The major components are (1) informal assessment procedures, (2) formal assessment procedures, (3) identifying performance discrepancies, (4) administration and interpretation of selected instruments, and (5) summarizing information in a written report. (Crosslisted with GSED 613.)  
Prerequisite: SED 353.

### SED 323

#### Parents and Families of Students with Special Needs 3 credit hours

A study of counseling techniques and counseling theories, community resource agencies, and the use of the multidisciplinary team applied to counseling exceptional individuals and their parents. (Crosslisted with GSED 523.)  
Prerequisite: SED 353.

### SED 352

#### Behavior Management Strategies 2 credit hours

Examines strategies for managing disruptive behavior in the special education and regular classroom, pre-school, and home. Includes practical techniques, philosophical, legal, ethical, and pedagogical issues.  
Prerequisite: SED 353.

### SED 353

#### Introduction to Special Education: Mild-Moderate Disabilities 3 credit hours

Acquaints students with different exceptionalities served in the schools. Focuses on assessment procedures, placement, methods, materials, and teaching strategies. (Crosslisted with PED 353 and GSED 553.)

### SED 363

#### Effective Instruction for Students with Mild-Moderate Disabilities 3 credit hours

A comprehensive overview of the most current effective teaching strategies for special education. Provides a model for application to a variety of skill and content areas. Examines advances in technology, multicultural awareness, curriculum development, and thinking skills. Incorporates concrete, meaningful teaching activities and demonstrations. (Crosslisted with GSED 563.)  
Prerequisite: SED 353.

### SED 403

#### Methods, Strategies, and Techniques for Teaching Students with Mild-Moderate Disabilities 3 credit hours

A detailed study of curriculum and methods for teaching mildly disabled children from birth through high school. Emphasizes (1) designing and implementing activities and experiences developmentally appropriate for the preschool aged child, and (2) programs, class organization, lesson planning, curricular materials, teaching strategies, and Individualized Educational Plans (IEPs) for mildly disabled children and adolescents. (Includes two clinical practicums of 30 hours each; practicums can be taken in two consecutive semesters.)  
Prerequisite: SED 353.

### SED 423

#### Issues, Trends, and Curriculum Modification in Special Education 3 credit hours

Gives the student an understanding of adapting commercially prepared instructional materials and developing teacher-made materials to meet the unique needs of exceptional individuals. Emphasizes writing and implementing IEPs for both self-contained and mainstreamed placements. (Crosslisted with GSED 623.)  
Prerequisite: SED 353.

## SOCIOLOGY (SOC)

### SOC 101

#### Introduction to Sociology 3 credit hours

A survey course covering most of the basic categories of the sociology curriculum with emphasis on the scientific method of studying social interaction and the products of social interaction, including culture, socialization, and the major institutions of society.

### SOC 201

#### Marriage and the Family 3 credit hours

A brief introduction to the family as an institution and a focus on preparing the individual for marriage and family life by emphasizing mate selection, adjustment, family member status and role, socialization process, social control, change of family structure, and social class and mobility aspects.

### SOC 212

#### Social Psychology 3 credit hours

A study of the effects of groups upon individual behavior. Includes the application of psychological principles to traditional interactions between individuals and society. (Crosslisted with PSY 212.)

### SOC 300

#### Group Dynamics 3 credit hours

Focuses on the development of group leadership skills, particularly those necessary for developing, implementing, maintaining, terminating, and evaluating types of small groups such as the following: task-oriented, support, personal growth, education, and therapeutic. Topics include group developmental stages, theories of leadership, power/influence, task maintenance roles, ethical guidelines for small groups, work with diverse populations, problem solving, communication, conflict, and trust/cohesion. Small group exercises are used to teach group dynamics and leadership skills. (Crosslisted with SWK 333.)  
Prerequisite: SOC 101.

### SOC 301

#### Urban Sociology 3 credit hours

A presentation of rural and urban concepts as related to the development of cities and the basic institutions, with special emphasis on the ecological aspects of people in their spatial settings. Covers social planning, community development, patterns of land use, and special problems related to cities and emphasizes use and familiarity with census data.  
Prerequisite: SOC 101.

### SOC 302

#### Research Methods 3 credit hours

An introduction to basic research theory and methodology that contribute to a professional knowledge base and the maintenance of quality practice standards and service delivery. Helps supply the research content in the social work professional degree plan. Topics include problem development, quantitative and qualitative research methodologies, analysis of data, moral and ethical standards, single case studies, and program evaluation. Serves as the foundation for the senior research paper by allowing the student to develop a formal research proposal that will be implemented in the senior year. (Crosslisted with SWK 302.)  
Prerequisites: SOC 101 and SWK 202.  
Prerequisite or corequisite: MAT 232.  
Academic technology 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.

### SOC 314

#### Social Problems 3 credit hours

A study of those social problems (e.g., poverty, unemployment, racial inequality, etc.) and an analysis of these problems from a political, economic, philosophical, and Christian perspective.

### 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 per-

sonal 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 326**  
**Social Organization**  
**3 credit hours**

A multifaceted course exploring the structures and functions of culture and society. Emphasizes bureaucracy, small group interaction, and collective behavior and focuses on such social institutions as religion, health care, sport, education, and the criminal justice system. Prerequisite: SOC 101.

**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 330**  
**Contemporary Issues in Sociology**  
**3 credit hours**

A seminar on various relevant issues as they are addressed by the major paradigms of sociological theory. Includes existential sociology, post-modernism, and chaos theory and some discussion of the history of social thought in order to fully understand contemporary issues. Prerequisite: SOC 101.

**SOC 420**  
**Minority Group Relations**  
**3 credit hours**

Focuses on diversity and promotes an awareness of multicultural norms and values among a number of ethnic and racial minorities in a pluralist society. Examines cultural strengths, differences, and similarities as well as concepts of race, ethnicity, minority groups, prejudice, discrimination, and issues related to women. (Crosslisted with SWK 420.) Prerequisite: SOC 101.

**SOC 450**  
**Directed Study**  
**1-3 credit hours**

Under supervision of a behavioral science faculty member, the student pursues a specialized learning experience with designated learning objectives and implementation procedures. Prerequisites: A junior or senior psychology major; 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. Prerequisites: A junior or senior psychology major and approval of advisor and department chair.

## SPANISH (SPA)

**SPA 101**  
**Elementary Spanish I**  
**4 credit hours**

A course for those desiring to begin a second language. Covers intensive oral work, grammar, and composition. (This course does not count toward the bachelor of arts language requirement, a minor, or major, but can be used for elective credit.) Lab fee: \$30.

**SPA 102**  
**Elementary Spanish II**  
**4 credit hours**

A continuation of SPA 101. Prerequisite: SPA 101 or demonstrated proficiency. Lab fee: \$30.

**SPA 203**  
**Intermediate Spanish I**  
**3 credit hours**

Continued study of Spanish with review of grammar and composition. Introduces selected readings in addition to text. (Honors sections are available.) Prerequisite: Proficiency examination or SPA 102. Lab fee: \$30.

**SPA 204**  
**Intermediate Spanish II**  
**3 credit hours**

Intensive practical conversational workshop. Prerequisite: SPA 203.

**SPA 219**  
**Travel Study**  
**3 credit hours**

A three-week trip to either Mexico or Spain. Includes an in-depth study of history, geography, and art as well as opportunities for evangelism. Students learn everyday customs and have an opportunity to put grammar principles to practical use. (This can be a substitute for SPA 203 or SPA 204.) Prerequisite: SPA 102 or demonstrated proficiency.

**SPA 301**  
**Spanish Phonetics and Conversation**  
**3 credit hours**

Instruction in advanced conversation for proficiency with practical phonetics and drills for improvement of students' aural-oral skills. Focuses on particular problem areas for English speakers. Prerequisite: SPA 204 or equivalent.

**SPA 302**  
**Spanish Composition**  
**3 credit hours**

A course using applied stylistic analysis and practical compositional exercises to develop writing skills. Prerequisite: SPA 204.

**SPA 303**  
**Survey of Spanish Literature I**  
**3 credit hours**

A study of the literature of Spain from the Middle Ages to the mid-17th century, emphasizing the Renaissance and the Golden Age. (Taught in Spanish.) Prerequisite: SPA 204 or equivalent.

**SPA 304**  
**Survey of Spanish Literature II**  
**3 credit hours**

A study of the literature of Spain since the Golden Age, emphasizing the Romantic and Realism periods. (Taught in Spanish.) Prerequisite: SPA 204 or equivalent.

**SPA 306**  
**Business Spanish**  
**4 credit hours**

A study of Spanish in its application to business, including terminology with respect to office procedures and international marketing. (Taught primarily in Spanish.) Prerequisite: SPA 204.

**SPA 314**  
**Survey of Latin American Literature**  
**3 credit hours**

A study of the literature of Latin America from its inception to the present. Covers pre-Columbian and colonial literature through literature from the last two centuries. (Taught in Spanish.) Prerequisite: SPA 204 or equivalent.

**SPA 315**  
**Latin American Civilization and Culture**  
**3 credit hours**

A study of the historical, political, and cultural development of Latin America with emphasis on contemporary aspects. (Taught in English. Does not count toward a Spanish major, but does count toward a Spanish education major.)

**SPA 404**  
**Golden Age Prose**  
**3 credit hours**

A study of the various novel forms of the Golden Age period, with special emphasis on the picaresque tradition and the Quixote. (Taught in Spanish.) Prerequisite: SPA 303.

**SPA 405**  
**Nineteenth Century Spanish Literature**  
**3 credit hours**

A study of Spanish literature during the periods of Romanticism, Realism, and Naturalism. (Taught in Spanish.) Prerequisite: SPA 304.

**SPA 406**  
**Twentieth Century Spanish Literature**  
**3 credit hours**

A study of Spanish literature from the Generation of 98 through the avant-garde. (Taught in Spanish.) Prerequisite: SPA 304 or.

**SPA 415**  
**Latin American Novel**  
**3 credit hours**

A study of the Latin American novel in the 19th and 20th centuries against a philosophical and socio-political background. Emphasizes the contemporary period. (Taught in Spanish.) Prerequisite: SPA 314.

**SPA 416**  
**Latin American Short Story**  
**3 credit hours**

A study of the Latin American short story in the 19th and 20th centuries, with emphasis on the Contemporary peri-

od and magical realism. The short story is studied against a philosophical and socio-political background. (Taught in Spanish.)

Prerequisite: SPA 314.

**SPA 451**  
**Special Readings**  
**1-3 credit hours**

Special readings course in Spanish to cover general or specific areas as determined by the professor to meet the need of the student. (Taught in Spanish.)

Prerequisites: Spanish major and permission of the instructor and the department.

**SPA 457**  
**Methods for Modern Language**  
**Curriculum Instruction**  
**3 credit hours**

A course designed to provide foreign language majors with concepts needed for language learning and instruction. Includes the historical background of the teaching of modern language. Discusses Foreign Language in the Elementary School (FLES), immersion programs, and issues concerning high school programs. (Crosslisted with FRE 457 and GER 457.)

**SPA 498**  
**Senior Paper Bibliography**  
**1 credit hour**

Research bibliography investigation to be complete with annotated bibliography, detailed outline, and introductory chapter of the senior paper written. (This is the first of two senior paper courses.)

Prerequisite: Spanish major and permission of the instructor and the department.

**SPA 499**  
**Senior Paper**  
**2 credit hours**

Directed individual study of seniors pursuing research and the writing of the required senior paper. (This is the second of two senior paper courses.)

Prerequisite: SPA 498.

## **SOCIAL WORK** **(SWK)**

**SWK 202**  
**Introduction to Social Work**  
**3 credit hours**

An introduction to the social work professional degree program and generalist social work practice. Includes study of the history of social work as a profession, its values, social policies, and the various client systems and organizations where social work is practiced. Provides the student an opportunity to evaluate personal interests and aptitude for the social work profession.

**SWK 302**  
**Research Methods**  
**3 credit hours**

An introduction to basic research theory and methodology that contributes to a professional knowledge base and the maintenance of quality practice standards and service delivery. Helps supply the research content in the social work professional degree plan. Topics include problem development, quantitative and qualitative research methodologies, analysis of data, moral and ethical standards, single case studies, and both personal practice and program evaluation. The course serves as the foundation for the senior research paper

by allowing the student to develop a formal research proposal that will be implemented in the senior year. (Crosslisted with SOC 302.)

Prerequisites: SOC 101 and SWK 202.

Prerequisite or corequisite: MAT 232.

Academic technology 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 101.

**SWK 309**  
**Human Behavior in the Social**  
**Environment I**  
**3 credit hours**

Focuses on the theories and knowledge of human biopsychosocial-spiritual development throughout the life span. Provides human behavior in the social environment content for the social work professional degree plan. Emphasizes the mutual interdependence between the developing individual and his or her various micro-systems, including characteristics of peer relationships, family dynamics, and the developing individual. Topics include theoretical perspectives on human behavior; conception, pregnancy, and birth; infancy and early childhood; middle childhood; adolescence; adulthood; and late adulthood. (Crosslisted with PSY 301.)

Prerequisites: BIO 101, PSY 201, SOC 101.

**SWK 310**  
**Human Behavior in the Social**  
**Environment II**  
**3 credit hours**

Focuses on the theories and knowledge of human biopsychosocial-spiritual development within the contexts of various system levels. Provides human behavior in the social environment content for the social work professional degree plan, which emphasizes the mutual interdependence between aspects of the developing individual and his or her various contexts. Topics include the following: the social work perspective on human biology; theories of cognition, emotion, and self; the concept of stress and normal and abnormal coping; theories of spiritual development; the relationship between the physical environment and behavior; contemporary trends in U.S. social institutions; social inequality; the meaning of culture; perspectives on formal organizations; social work and communities; social movements; small groups in social work; and understanding contemporary U.S. families.

Prerequisites: SWK 309 - HBSEI

**SWK 331**  
**Social Work Practice I**  
**3 credit hours**

Serves as the initial social work practice course and develops the basic values, concepts, and skills for generalist social work practice. Knowledge of problem-solving methodologies within a systems perspective along with the various stages in the generalist process provides the basic theoretical grounding for the course.

Prerequisites: SWK 202 and admission to the professional social work degree program.  
Corequisites: SWK 332 and 341.

**SWK 332**  
**Social Work Practice II**  
**3 credit hours**

Deals with interpersonal helping skills and basic skills necessary for developing, maintaining, terminating, and evaluating a productive worker-client relationship that respects diversity in client populations. Provides structured opportunities to learn and practice a problem-solving, systems-oriented approach to interpersonal helping through activity-based learning methods.

Prerequisites: SWK 202 and admission to the professional social work degree program.

Corequisites: SWK 331 and 341.

**SWK 333**  
**Social Work Practice III**  
**3 credit hours**

Focuses on the development of group leadership skills and covers the basic skills necessary for the development, implementation, maintenance, termination, and evaluation of a variety of small group types, including task-oriented, support, personal growth, education, and treatment. Topics include group developmental stages, theories of leadership, power/influence, task maintenance roles, ethical guidelines, working with diverse populations, problem solving, communication, conflict, and trust/cohesion. The student is given structured opportunities to learn group dynamics and leadership skills through activity based learning methods. (Crosslisted with SOC 300.)

Prerequisites: SWK 202, 331, 332, and admission to the professional social work degree program.

Corequisites: SWK 342.

**SWK 341**  
**Junior Practicum I**  
**2 credit hours**

A field practicum experience that places the student in a social service agency five hours per week. In addition, the student spends one class hour per week in an integrative seminar. (This course is the practicum portion of the corequisite courses SWK 331 and 332.)

Prerequisite: SWK 202.

Corequisites: SWK 331 and 332.

**SWK 342**  
**Junior Practicum II**  
**2 credit hours**

The second practicum experience found in the social work professional degree preparing for generalist practice. The student continues placement in the agency for practicum I or another social service agency for five hours per week. An integrative seminar is held for one class hour per week.

Prerequisites: SWK 202, 331, 332, 342.

Corequisite: SWK 333.

**SWK 380**  
**Aging Processes**  
**3 credit hours**

A course that presents a biological, psychological, and social overview of aging processes; explores relevant issues such as economics, health needs, family and primary relationships, death and dying, social roles and relationships, retirement and leisure, personal adaptation, social response, and spiritual well-being; and introduces a series of basic methods of human service helping for working with older adults in a variety of settings.

Prerequisite: Junior standing.

**SWK 381**  
**Child Welfare**  
**3 credit hours**

A study of the historical and legal development of child welfare policies and services. An overview of all aspects of child maltreatment, including systems assessment, case plan development, and delivery of services. Topics include types of agencies, categories of services, child-parent-state rights, diversity of family structures, cultural difference, gender issues, and social policy. (Required for Title IV-E students.)

Prerequisites: SWK 311, 331, and 332.

**SWK 382**  
**Social Services in Health Care**  
**3 credit hours**

Examines death and dying; dealing with grief and loss; confidentiality; spiritual well-being; financial resources; community resources; alternate practice settings such as hospices, nursing care, homemaker services, day care, public health and mental health; and special areas and problems, such as perinatal, oncology, psychiatric, rehabilitation, child abuse, quality assurance, and advocacy.

**SWK 383**  
**Family Dynamics**  
**3 credit hours**

The theory and practice of the dynamics of the student's family of origin, the use of the genogram, the theology of marriage and the family, problems of divorce and remarriage, courtship and mate selection, premarital counseling, sex counseling, the family life cycle, and developmental issues. Covers family therapy, including a historic overview, systems theory, psychodynamic theory, behavioral theory, communications theory, structural theory, and strategic theory.

**SWK 404**  
**Social Work Practice IV**  
**2 credit hours**

The fourth practice course in the generalist sequence, which builds upon the other three practice courses (SWK 331, 332, and 333). Focuses on taking the problem-solving model in a systems framework and applying it to the macro or community level of social work practice. Emphasizes the roles of broker, advocate, and planner for service provision for various client systems.

Prerequisite: SWK 331, 332, 333, and admission to the professional social work degree program.

**SWK 405**  
**Senior Seminar**  
**2 credit hours**

An advanced seminar in covering various current issues of concern to the social work profession.

Prerequisite: SWK 404 and admission to the professional social work degree program.

**SWK 420**  
**Minority Group Relations**  
**3 credit hours**

Focuses on diversity and promotes an awareness of multicultural norms and values among a number of ethnic and racial minorities in a pluralist society. Examines cultural strengths, differences, and similarities as well as concepts of race, ethnicity, minority groups, prejudice, discrimination, and issues related to women. (Crosslisted with SOC 420.)

Prerequisite: SOC 101.

**SWK 443**  
**Senior Practicum I**  
**6 credit hours**

Provides the primary senior practicum experience for students in the professional social work degree plan for generalist practice. Students are placed in a social service agency under the supervision of a person with a masters in social work (MSW) degree and perform roles and follow job descriptions similar to those of the professional social workers of the agency. (This course is normally combined with SWK 444 to create a block practicum for one semester totaling 480 hours of practicum experience. SWK 443 and SWK 444 may be taken separately during the academic year with 240 hours of practicum each semester.)

Prerequisites: SWK 202, 302, 303, 311, 331, 332, 333, 341, 342, and senior status in the Social Work Program.

**SWK 444**  
**Senior Practicum II**  
**6 credit hours**

Provides additional experience to that offered through SWK 443. (This course is normally combined with SWK 443 to create a block practicum for one semester totaling 480 hours of practicum experience. SWK 443 and SWK 444 may be taken separately during the academic year with 240 hours of practicum each semester.)

Prerequisite: SWK 202, 302, 303, 311, 331, 332, 333, 341, 342, and senior status in the social work professional degree program.

**SWK 450**  
**Directed Study**  
**1-3 credit hours**

Under supervision of a behavioral science faculty member, the student pursues a specialized learning experience with designated learning objectives and implementation procedures.

Prerequisites: Junior or senior standing in professional social work program and arrangement with the social work faculty.

**SWK 461**  
**Honors Research**  
**1-3 credit hours**

Designed for the honor student who wishes to pursue individual research on a specific problem.

Prerequisites: Senior standing in professional social work program and arrangement with the social work faculty.

**SWK 499**  
**Senior Research Paper**  
**3 credit hours**

The capstone course in the social work professional degree plan. Working from a research proposal developed in SWK 302, the student completes a comprehensive written analysis of an issue relevant to the social work profession and the student's personal practice goals.

Prerequisites: MAT 232, SWK 302, and senior standing. Academic technology fee: \$45.

## TEACHING ENGLISH AS A SECOND LANGUAGE (TESL)

**TESL 503**  
**TESL Principles**  
**3 credit hours**

A study of the basic principles of language learning and teaching, including a comparison of first and second language acquisition, instructional and learner variables, and methodological implications. (Crosslisted with ESL 303.)

**TESL 513**  
**Cross-Cultural Communication**  
**3 credit hours**

An overview of the field of cross-cultural communication, including theories and models, major concepts, terminology, and current research. Emphasizes effective interpersonal communication and teaching in the multicultural classroom. (Crosslisted with ESL 413.)

**TESL 515**  
**Descriptive Linguistics**  
**3 credit hours**

A general introduction to the field of descriptive linguistics, including phonetics, morphology, and syntax, especially as they relate to the second language teacher. (Crosslisted with ESL 315.)

**TESL 516**  
**Sociolinguistics**  
**3 credit hours**

An introduction to the social use of language, especially as it relates to the second language teacher. Topics include aspects of semantics, discourse analysis, language variations, and social and political implications of language use. (Crosslisted with ESL 316.)

**TESL 518**  
**TESL Seminar**  
**3 credit hours**

In-depth study of selected topics relevant to the TESL practitioner. (Crosslisted with ESL 318.)

**TESL 543**  
**TESL Methods and Materials**  
**3 credit hours**

A survey and production of TESL techniques and teaching materials. Students receive training in presentation procedures used to teach ESL, including the use of audiovisuals and personal computers. (Crosslisted with ESL 343.)

**TESL 553**  
**TESL Curriculum Design**  
**3 credit hours**

An overview of the field of instructional design and curriculum development with a special emphasis on curriculum for English as a second language. (Crosslisted with ESL 353.)

**TESL 563**  
**TESL Internship**  
**3 credit hours**

Students spend the semester observing, assisting, and teaching in an ESL setting.

**TESL 573**  
**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. (Crosslisted with WRT 355 and ESL 452.)

**TESL 583**  
**Structure of Modern American English**  
**3 credit hours**

A study of conventional grammar and usage through the analysis and diagramming of sentences. Emphasizes traditional grammar and the linguistic approach to language. (Crosslisted with WRT 304 and ESL 453.)

**TESL 593**  
**TESL Assessment**  
**3 credit hours**

An examination of the principles of testing and evaluation as applied to the acquisition of English as a second language. Emphasizes testing skills needed by the classroom teacher. Also covers the principles, procedures, and basic terminology of educational research to aid the classroom teacher in the interpretation of research. (Crosslisted with ESL 393.)

**TESL 633**  
**Literature in the ESL Context**  
**3 credit hours**

A survey of American literature and how to incorporate it into the ESL classroom. (Crosslisted with ESL 433.)

**TESL 690**  
**Directed Study**  
**1-3 credit hours**

Allows the student to pursue a literature search and conduct a research project in education that pertains to the degree program and is of interest to the student. Designed to assist the student in broadening and strengthening his or her academic preparation in areas of personal interest. The professor may suggest special activities and/or projects.  
 Prerequisite: Permission of the instructor.

## THEOLOGICAL AND HISTORICAL STUDIES (THE)

**THE 103**  
**Charismatic Life and the Healing Ministry**  
**3 credit hours**

Presents the ministry and theology of Oral Roberts and Richard Roberts and their contribution to the Body of Christ. Emphasizes the importance of the Holy Spirit in the life of the believer and the fact that God is still in living commerce with people, working supernaturally through healing and the gifts of the Spirit. Introduces basic Christian charismatic beliefs and the essential tenets of Oral and Richard Roberts Ministries through a topical study of the major themes of the Bible. In keeping with the founding purposes of Oral Roberts University, these beliefs are taught from an interdenominational and charismatic point of view to demon-

strate the relevance of Biblical truths not only for what Christians believe and say (faith) but also for what Christians do in Spirit-empowered action (ministry). (Honors sections are available for this course.)

**THE 217**  
**Seminar in Theological Research**  
**3 credit hours**

Designed to give students a working knowledge of the materials and methods used in theological research. Emphasizes philosophical analysis, theological bibliography, critical methods of reading and studying, research methodology, and thesis writing.  
 Prerequisite: ENG 101.

**THE 302**  
**Introduction to Philosophy**  
**3 credit hours**

An introduction to the major problems of philosophy with ancient and modern proposals of solutions. Emphasizes notable Christian thinkers.

**THE 303**  
**Major Religions of the World**  
**3 credit hours**

A historical survey of current world religions. Emphasizes major beliefs and ethics of various religions.

**THE 304**  
**Contemporary Religions in America**  
**3 credit hours**

A historical survey of current religions in contemporary America. Emphasizes major beliefs and ethics of various religions.

**THE 313**  
**Systematic Theology I**  
**3 credit hours**

A study of the idea of theology, the existence and character of God, the doctrine of the Scriptures, and Christology.

**THE 314**  
**Systematic Theology II**  
**3 credit hours**

A study of the Holy Spirit, theological anthropology, and the doctrine of salvation.

**THE 353**  
**History of Christianity in America**  
**3 credit hours**

A survey of Church history in America from its beginning until the present. Specific emphasis is placed on the development of American denominations and movements. (Offered through SLLE only.)

**THE 401**  
**Christian Ethics**  
**3 credit hours**

A Christian perspective on the science of human duty and the major problems encountered. Surveys both ancient and modern solutions.

**THE 402**  
**Divine Healing**  
**3 credit hours**

A study of the Biblical, theological, and historical roots of healing in the Christian church. Includes a study of the principles and patterns of healing demonstrated by Jesus and His disciples. Explores various models for healing ministries and how each person can be healed and be an instrument of healing for others. (Offered through SLLE only.)

**THE 415**  
**Christian Apologetics**  
**3 credit hours**

A study of the methods of defending the Christian faith in the midst of a pluralistic modern society.

**THE 444**  
**Contemporary Theology**  
**3 credit hours**

A study of mid-19th century trends in theological thought from Schleiermacher to modern theologians, with special reference to theological options of the present day. (Offered through SLLE only.)

**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 453**  
**History of Christianity I: Early and Medieval Church**  
**3 credit hours**

A study of the development of the Christian church from its birth up to the Reformation, with emphasis upon the major historical movements, leaders, and theological issues of the period. (Offered only through SLLE.)

**THE 454**  
**History of Christianity II: Reformation to Present**  
**3 credit hours**

A survey of expression from the Reformation era with emphasis on the reformers and the impact made politically and economically. Makes special reference to the great missionary expansion. (Offered only through SLLE.)  
 Prerequisite: THE 453.

**THE 455**  
**Intensive Studies**  
**3 credit hours**

An investigation of selected theological and historical themes. Area of study may vary.

**THE 457**  
**Honors Assistant Practicum**  
**3 credit hours**

A practicum in which the student works one-on-one with an ORU teacher to improve skills in course preparation and administration, time management, tutoring, and communication. The student has opportunities to become involved with professional teaching and/or research on the baccalaureate level in Biblical literature, theology, and church ministries.

**THE 461**  
**History of Christianity I: Early Church**  
**3 credit hours**

Acquaints the student with the basic information concerning the important people, events, and dates in the history of the Church from the Apostolic Age to the Medieval Period.

**THE 462**  
**History of Christianity II: Medieval Church**  
**3 credit hours**

Seeks to develop an understanding and appreciation

for the Christian life and thought of the Middle Ages, with an emphasis on the historical development of thought, doctrine, and practice of the faith. Describes the historical conditions and theologies that led to the Reformation and other modern Christian movements. Prerequisite: THE 461.

**THE 463**  
**History of Christianity III:**  
**Reformation to Present**  
**3 credit hours**

A survey of the Christian Church from the Reformation to the present with special reference to key figures, events, themes, and developments. Prerequisite: THE 461 or 462.

**THE 464**  
**Prayer**  
**3 credit hours**

A study designed to assist the student in evaluating and developing a life of prayer. Explores various approaches to prayer that have been described in Scripture and by Christian leaders. (Offered only through SLLE.)

**THE 470**  
**Philosophy of Religion**  
**3 credit hours**

An inquiry into the nature of religious faith and life from the philosophical point of view. Includes the nature, function, and value of religious faith; the validity of the claims of religious knowledge; the relationship of faith and ethics; the problem of evil; revealed versus natural religion; the nature of the human spirit and its relationship to God; the nature and value of prayer; and the place of religious faith in modern society.

**THE 473**  
**Theology and Philosophy in Modern Culture**  
**3 credit hours**

A study of the theological and philosophical positions of modern thinkers that most affect Christian life and thought, particularly post-modernism and the New Age philosophy, as well as new Christian responses to current theologies and ideas that have developed in recent times. Includes various schools of thought and specific theologians and philosophers, analyzes arguments, and composes Christian responses.

**THE 499**  
**Senior Paper**  
**3 credit hours**

A designed research/writing project for seniors studying under the personal guidance of a professor involving specialized research in the area of theological/historical studies.

Prerequisite: THE 217; CHRM 398.

## WRITING (WRT)

**WRT 201**  
**Introduction to Writing**  
**3 credit hours**

An introductory course designed for writing majors who are planning to work in the literary forms of fiction, poetry, and drama. Includes representative readings from modern authors who describe the writing craft, its requisite skills and values. Students explore various approaches to a Christian aesthetic and to the vocation of a creative artist. Includes readings from a variety of literary genres, analyzing the style and structure of these works, and composing poems and short prose pieces

using exposition, description, narration, and dialogue. Prerequisite: ENG 101.

**WRT 300**  
**Workshop for Peer Tutors**  
**1 credit hour**

A study of specific teaching skills for the purpose of training tutors, writers, and teachers. Includes a review of written and oral communication techniques as well as research in effective tutoring and collaborative writing methods. Also includes a tutoring practicum in the Tutoring Center.

**WRT 304**  
**Advanced Grammar and Usage**  
**3 credit hours**

A study of conventional grammar and usage through the analysis and diagramming of sentences. Emphasizes traditional grammar and the linguistic approach to language. (Crosslisted with ESL 453 and TESL 583.)

**WRT 331**  
**Literary Writing I**  
**3 credit hours**

Instruction in creative expression. Practical experience in description, narration, dramatic dialogue, and varied poetic forms.

**WRT 332**  
**Literary Writing II**  
**3 credit hours**

A course in creative expression, with projects in poetry, fiction, and nonfiction forms. The course is a workshop for the serious writer who is capable of developing a writer's discipline.

Prerequisites: WRT 331 and PRF 320 Writing Major/Minor Proficiency.

**WRT 335**  
**Technical Writing I**  
**3 credit hours**

Designed specifically for students preparing for professional writing in business, science, publishing, and other fields. Focuses on collaborative writing, problem-solving, analyzing audience, research, documenting sources, and revising for clarity and conciseness. Develops skills for writing, editing, and proofreading brochures, instruction manuals, newsletters, and short reports. Practices computer skills for written documents and oral presentations.

Prerequisites: ENG 101, typing ability, and basic computer skills.

Academic technology fee: \$45.

**WRT 336**  
**Technical Writing II**  
**3 credit hours**

Designed to prepare students for technical writing opportunities and build on skills from WRT 335. Continues focus on problem solving, editing, proofreading, clarity, and conciseness. Develops skills for writing and revising proposals, graphics, analytical reports, and Web pages.

Prerequisites: WRT 304 and PRF 320 Writing Major/Minor Proficiency.

Academic technology 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. (Crosslisted with ESL 452 and TESL 573.)

**WRT 400**  
**Writing Internship**  
**1-3 credit hours**

Systematic and supervised practicum in a business or organization. Application of technical and writing skills. Credit varies, depending on time involved on-site. (May be repeated for credit.)

Prerequisites: WRT 304; permission of the department.

**WRT 410**  
**Desktop Publishing**  
**2 credit hours**

A study and application of computer skills and programs used in desktop publishing. Emphasizes the creation and adjusting of texts by using current desktop publishing programs. Requires additional computer laboratory time.

Prerequisite: WRT 335 or WRT 336.

Academic technology fee: \$45.

**WRT 450**  
**Directed Study**  
**1-3 credit hours**

Directed study in a writing-related area under the supervision of a faculty member on topics approved by the professor and department chair.

Prerequisites: Permission of professor and department chair.

Academic technology fee: \$45.

# INDEX

## A

Academic Computing Labs 18  
 Academic Policy Changes 31  
 Academic Records 26  
 Accounting Major 80-81  
 Accreditation 8  
 Adding Courses 27, 113  
 ADN to BSN Career Mobility Program 99  
 Administration 8-14  
 Administrative Excuses 27  
 Admission, Graduate 21, 84, 91, 94, 103, 105, 109  
 Admission, Undergraduate 19-21  
 Admission (See specific programs and majors for more information.)  
 Adult Learning Service Center 36, 113  
 Advanced Certificate of Theology 119  
 Advanced Placement (AP) 20  
 Advisement 34  
 Affiliations 8  
 Air Force ROTC 34  
 American College Testing (ACT) Program 20, 24  
 Anna Vaughn School of Nursing 97-99  
   Mission 97  
   Curriculum Objectives 97  
   Honor Society 98  
 Application Deadlines 20  
 Application for Degree 27  
 Area Banking 24  
 Art Department 40-42  
 Art Education Major 41  
 Art Minor 42  
 Art Preprofessional Programs 40  
 Art Technology Lab 18  
 Articulation Agreements 20, 44, 45  
 Assessment, University 33-34  
 Assessment, Graduate Theology 104-105  
 Athletics, Department of Intercollegiate 37  
 Athletic Department Personnel 37  
 Attendance 27, 29, 36  
   Administrative Excuses 27  
   Chapel 29, 36  
 Church 36  
   Class and Laboratory 27  
 Audit 28, 101  
 Awards (See specific programs and majors for more information.)

## B

Background Check 88, 98, 103  
 Banking 24  
 Behavioral Science Department 42-44  
 Bible Institute Course Descriptions 120-122  
 Bible Institute Program 118-120  
 Biblical Languages Minor 78  
 Biblical Literature (M.A.) 105-108  
 Biomedical Engineering Major 56  
 Biology Department 44-47  
 Biology Major 45-46  
 Biology Minor 46-47  
 Biomedical Chemistry Major 47  
 Board of Regents 8  
 Business Administration Major 80, 114-115  
 Business Computing Lab 18  
 Business Language Minor 70  
 Business Minor 83  
 Business, School of 80-85

## C

Calendar 5-7  
 Campus Description 17  
 Career Guidance Center 34  
 Catalog Requirements and Readmissions 19, 27, 92, 101  
 Center for Instructional Services 18  
 Certificate for Superintendent 95  
 Chapel and Church Attendance 36  
 Chemistry Department 47-49  
 Chemistry Major 48  
 Chemistry Minor 48  
 Christian Care and Counseling Major 115  
 Christian Counseling (M.A.) 107-108  
 Christian Education Minor 78  
 Church Administration Minor 78  
 Church Development Major 117  
 Church Ministries Major 115  
 Class and Laboratory Attendance 27  
 Classification of Students 27  
 Closed Circuit Television 18  
 College and Career Guidance Center 34  
 Council for Christian Colleges and Universities 8, 30  
 Code of Honor Pledge 14  
 Code of Honor Statement 14  
 College Level Examination Program (CLEP) 20  
 Commitments 14-17  
   Code of Honor Pledge 14  
   Code of Honor Statement 14  
   Dedicated to Developing the Whole Person 16  
   Honor Code Living 14  
   Quest for the Whole Person 16-17  
   Realization of a Dream 14-15  
   Statement of Purpose 14  
   What is Oral Roberts University? 15-16  
 Communication Arts Department 49-53  
 Communication Arts Television and Audio Labs 18  
 Comprehensive Advisement Center 34  
 Computer Labs 18  
 Computer Purchase Plan 23  
 Computer Science and Mathematics Dept. 53-55  
 Computer Science Major 53  
 Computer Science Minor 54  
 Computing and Technology Facilities 18-19  
 Concurrent Enrollment 19-21  
 Concurrent Graduate Study 21  
 Continuation as a Student 27  
 Continuing Education 118  
 Correspondence Study 30, 113-114  
 Counseling Center 34  
 Course Descriptions 124-185  
   Accounting (ACT) 124  
   Art (ART) 124-126  
   Biblical Studies (BIB) 126-127  
   Biblical Literature (BLIT) 129  
   Bioengineering (BE) 126  
   Biology (BIO) 127-129  
   Business (BUS) 129  
   Chemistry (CHE) 130-131  
   Christian Care and Counseling (CCC) 129-130  
   Church Ministries (CHRM) 131-133  
   Communication Arts (COM) 133-135  
   Computer Engineering (CMPE) 133  
   Computer Science (CSC) 135-136  
   Doctor of Ministry (DMIN) 136-137  
   Early Childhood Education (ECE) 137-138  
   Electrical Engineering (EE) 138  
   Elementary Education (ELE) 139  
   Engineering (EGR) 138-139  
   English (ENG) 139-140  
   English as a Second Language (ESL) 140-141  
   Environmental Science (EVR) 141

Field Education (FED) 141  
 Finance (FIN) 141-142  
 French (FRE) 142-143  
 General Studies (GEN) 150  
 Geography (GEO) 150  
 German (GER) 150-151  
 Government (GOV) 153-154  
 Graduate Accounting (GACT) 143  
 Graduate Administration (GADM) 144-145  
 Graduate Biblical Literature (GBIB) 145-148  
 Graduate Business (GBUS) 148-149  
 Graduate Christian School Ed. (GCSE) 149  
 Graduate Early Childhood Ed. (GECE) 149-150  
 Graduate Finance (GFIN) 151  
 Grad. Health, Phys. Ed., and Rec. (GHPE) 151-152  
 Graduate International Business (GINB) 152  
 Graduate Management (MGMT) 152  
 Graduate Marketing (GMKT) 152-153  
 Graduate Professional Ed. (GPED) 154-156  
 Grad. Theo./Hist. Studies (GTHE) 156-158  
 Grad. Special Education (GSED) 156  
 Health, Physical Ed., and Rec. (HPER) 160-161  
 Hebrew 158  
 History (HIS) 158-160  
 Home School Education (HED) 158  
 Honors (HONR) 160  
 Humanities (HUM) 162  
 International Studies (IS) 162  
 Management (MGT) 164-165  
 Management Information Systems (MIS) 165  
 Marketing (MKT) 165  
 Mass Media Communication (MMC) 165-167  
 Mathematics (MAT) 162-163  
 Mechanical Engineering (ME) 163-164  
 Missions (MISS) 165  
 Modern Hebrew (HEB) 158  
 Music (MUS) 167-170  
 Nursing (NUR) 171-172  
 Nutrition (NUT) 172  
 Physical Science (PSC) 178-179  
 Physics (PHY) 173-175  
 Physiology (PHS) 173  
 Practices of Ministry (PRM) 175-178  
 PreHealth Professional (PHP) 173  
 Professional Education (PED) 172-173  
 Psychology (PSY) 179-180  
 Reading (READ) 180  
 Social Work (SWK) 182-183  
 Sociology (SOC) 180-181  
 Spanish (SPA) 181-182  
 Special Education (SED) 180  
 Teaching Eng. as a Sec. Lang. (TESL) 183-184  
 Theo. and Historical Studies (THE) 184-185  
 Writing (WRT) 185  
 Course Load 28, 98, 101, 113  
 Course Numbering System 28  
 Course Repeat 28, 114  
 Course Withdrawal 24, 27  
 Courses  
   Adding 27, 113  
   Pass/No Pass 28  
   Audit 28, 101  
 Credit  
   By Advanced Placement 20  
   By College Level Examination Prog. (CLEP) 20  
   By Examination/Demonstration 20, 30  
   From Concurrent Enrollment 20-21  
   From Professional Programs 21  
   Through Articulation Agreements 20, 44, 45  
   Transfer of 20, 30-31  
   Transfer of Foreign 21  
 Curriculum 31-33

<b>D</b>		Enrollment, Concurrent	19	Proficiencies	84
Deadlines, Application	20	Enrollment Deposit	20	Probation	84
Deans	11-12	Entrance Examinations	19-20	Graduate Education--Masters Programs	91-96
Degrees		Graduate (GMAT, GRE, MAT, TOEFL)	21	Admission/Readmission	91-92
Applications for	27	Undergraduate (ACT, SAT, TOEFL)	19-20, 87, 88, 91	Course Load	92
Graduate	31	Environmental Concentration	46	Degree Plan	92
Undergraduate	31	Environmental Studies Minor	57	Examinations	92
Department Chairs	12-13	Evangelism Minor	78	Probation	92
Departments, Graduate Academic		Examinations		Summer Institute	91
Business	83-85	Advanced Placement (AP)	20	Graduate Education--Doctoral Programs	94-95
Education	91-95	American College Testing (ACT)	19-20	Admission	94
Theology and Missions	100-111	College Level Examination Program (CLEP)	20	Exams	94
Departments, Undergraduate Academic		Credit by Examination/Demonstration	21, 30	Probation	94
Art	40-42	Entrance Examinations	19-20	Transfer of Credit	94
Behavioral Science	42-44	Graduate (GMAT, GRE, MAT, TOEFL)	21	Graduate Management Admissions Test (GMAT)	21, 83, 84
Biology	44-47	Undergraduate (ACT, SAT, TOEFL)	19-20, 87, 88, 91	Graduate Record Examination (GRE)	21, 91, 103
Business	80-83	External Degree Program	113-114	Graduate Theology and Missions	100-111
Chemistry	47-49	ORU Placement Examinations	20	Admissions	101, 103, 109
Communication Arts	49-53	Scholastic Aptitude Test (SAT)	19-20	Audit	101
Computer Science and Mathematics	53-55	Teacher Certif. Foreign Lang. Proficiency	20	Course Load	101
Education	86-91	Test of English as a Foreign Lang. (TOEFL)	21, 87, 88, 91	Credit by Examination	102
Engineering, Physics, and Phys. Science	55-58	Expenses	22-23	Credit by Transfer	102
English	58-60	Extension of Incomplete	28, 113-114	Expenses	22-23
Health Physical Education and Recreation	60-63	External Degree Program	113-116	Financial Aid	102
History, Humanities, and Government	63-67	Admission Requirements	113	Readmission	101
Modern Foreign Languages	67-70	Examinations	114	Graduate Theology and Missions--Masters	103-109
Music	70-74	Grading System	113	Graduate Theology and Missions--Doctoral	109-110
Nursing	97-99	Health and Physical Ed. Requirements	114	Grants	24-25, 102
Theology	70-79	Prior Learning Assessment	114	Graphic Design Print Major	40
Development Officers	13-14	Tuition	22	Graphic Design Video Major	40-41
Diploma of Theological Studies	119-122	<b>F</b>			
Disability Services (See Student Resources)		Facilities (See Campus Description)			
Disclosure of Information	26-27	Faculty		<b>H</b>	
Doctor of Education Program (Ed.D.)	94-95	Arts and Sciences	38-40	Health and Exercise Science Major	61
Admission	94	Business	80	Health and Exercise Science Minor	62
Educational Leadership	94-95	Education	86	Health and Physical Development Services	35
Transfer of Credit	94	Emeriti	40, 86, 100	Health and Physical Education Major	61-62
Doctor of Ministry Programs	109-110	Learning Resources	40	Health History and Immunizations	20, 97
Drama Major	49	Lifelong Education	112-113	Health Insurance	22
Drama Minor	52	Nursing	97	Health, Physical Ed., and Recreation Dept.	60-63
Drama Television Film Performance Major	49-50	Theology and Missions	100	Hebrew Minor	70
Dress Code	35	Fast Track Program	21, 83	History, Humanities, and Government Dept.	63-67
Men	35	Federal Financial Aid	24, 25, 102	History Major	63
Women	35	Fees	22-23	History Minor	66
WeekEnd University	116-117	FERPA	26-27	Home School College Program	117
Dropping/Adding Courses	24, 27	Finance Major	81	Honor Code (See Code of Honor)	
Dual Degrees	31	Financial Aid Policies and Programs	24-26	Honors Courses	33
<b>E</b>		Food in Classrooms	35	Honors	29
ePortfolio	33-34, 88	French Education Major	68	President's List	29
Early Acceptance	20	French Major	67-68	Vice President's List	29
Early Childhood Education (M.A.)	93	French Minor	69	Undergraduate	29
Early Childhood Education Major	89-90	Full-Time Status	28	Graduate	29
Education, School of	86-96	<b>G</b>		Honors Program	33
Educational Leadership (Ed.D.)	94-95	General Business Minor	83	Honor Society (History)	63
Postsecondary Administration Concentration	93	General Education	32-33, 97	Honor Society (Nursing)	98
Christian School Administration Concentration	93	German Education Major	69	Housing	36
Public School Administration Concentration	93	German Major	68	Human Resources Development Minor	52
Education Minor	90, 91	German Minor	69	Humanities Minor	66
Education Technology Center	18	Government Major	63-64		
Elementary Education Major	88-90	Government Minor	66	<b>I</b>	
Employment	25	Grade Points	28, 29	Incompletes	28, 98, 113-114
Engineering Department	55-58	Grading System	27-28, 102, 113	Insurance	22
Engineering Major	55-56	Graduate Business Department	83-85	Intercollegiate Athletics	37
Engineering, Physics, and Phys. Science Dept.	55-58	Admission Requirements	83-84	International Business Major	81
Engineering Physics Major	56-57	Audit Policy	84	International Colleges and Universities	8
English Bible Major	75	Chapel	84	International Community Development Major	64-65
English Bible Minor	78	Course Load	84	International Language Lab and Cultural Center	18
English Department	58-60			International Relations Major	64
English Education Major	59-60			International Relations Minor	66
English Literature Major	58-59			International Students	19, 20
English Literature Minor	60			Interview	20
				Intramurals	35

**J**

Journalism Minor 52

**K**

Korean Language Program (Doctor of Ministry) 109

**L**

Language Proficiency 20, 88, 105-106

Liberal Arts Studies 67

Liberal Studies/Liberal Arts Major 67, 115-116

Library 17-18

Licensure, Education 87

Loans 24-25

**M**

Majors, Undergraduate 31

Accounting 80-81

Art Education 41

Biomedical Engineering 56

Biology 45-46

Biomedical Chemistry 47

Business Administration 80, 114-115

Chemistry 48

Christian Care and Counseling 115

Church Development 117

Church Ministries 115

Computer Science 53

Drama 49

Drama/Television/Film Performance 49-50

Early Childhood Education 89-90

Elementary Education 88-89, 90

Engineering 55-56

Engineering Physics 56-57

English Bible 75

English Education 59-60

English Literature 58-59

Finance 81

French 67-68

French Education 68

German 68

German Education 69

Government 63-64

Graphic Design Print 40

Graphic Design Video 40-41

Health and Exercise Science 61

Health and Physical Education 61-62

History 63

International Business 81

International Community Development 64-65

International Relations 64

Liberal Studies/Liberal Arts 67, 115-116

Management 81-82

Management Information Systems 82

Marketing 82-83

Mass Media Communication 50-51

Mathematics 54

Mathematics Education 54

Music Arts 71

Music Composition 71

Music Education 72-73

Music Performance 72

New Testament 75-76

Nursing 98-99

Old Testament 75

Organizational Relations 116-117

Organizational/Interpersonal Communication 51

Pastoral Christian Ministries 76-77

Psychology 42

Recreation Administration 61

Sacred Music 72

Science Education 46, 48, 57

Social Studies Education 65-66

Social Work 42-44

Spanish 68

Spanish Education 69

Special Ed. Mild-Moderate Disabilities 89

Speech/Drama/Debate Education 51-52

Studio Art 41

Theological-Historical Studies 77-78

Writing 59

Management Information Systems Major 82

Management Major 81-82

Marketing Major 82-83

Mass Media Communication Major 50-51

Mass Media Communication Minor 52

M.A. Academic Programs Grad Theology 105-107

Admission Requirements 105

Degree Requirements 105-107

Language Proficiency 105

Thesis 105

M.A. Professional Programs, Grad. Theology 107-109

Admission Requirements 107

Practicum/Internship 107

Degree Requirements 107-109

Master of Business Administration Degree (M.B.A.) 84

Master of Divinity Degree (M. Div.) 103-105

Admission Requirements 103

Assessment 104-105

Course Sequence 104

Field Education 104

Modular Program 105

Ordination Courses 104

Master of Management Degree (M. MGT.) 84-85

Mathematics Education Major 54

Mathematics Major 54

Mathematics Minor 54

Miller Analogies Test 21, 91, 105, 109

Minors, Undergraduate 31

Art 42

Biblical Languages 78

Biology 46-47

Business Language 70

Chemistry 48

Christian Education 78

Christian Philosophy 79

Church Administration 78

Computer Science 54

Drama 52

Education 90, 91

English Literature 60

English Bible 78

Environmental Studies 57

Evangelism 78

French 69

General Business 83

German 69

Government 66

Health and Exercise Science 62

Hebrew 70

History 66

Human Resources Development 52

Humanities 66

International Relations 66

Journalism 52

Mass Media Communication 52

Mathematics 54

Missions 78

Music 73

Music Technology 73-74

New Testament 78

Nonprofit Business 83

Old Testament 78

Organizational/Interpersonal Com. 52

Pastoral Care 78

Physics 57

Preseminary 78

Psychology 44

Public Relations and Advertising 53

Recreation Administration 62

Sociology 44

Spanish 70

Theological and Historical Studies 79

Worship Leadership 74

Writing 60

Youth Ministry 78-79

Missions (M.A.) 108

Missions Minor 78

Model United Nations 63

Modern Foreign Languages Department 67-70

MultiMedia Institute 51

MultiMedia Institute Computer Lab 18

Music Department 70-74

Music Composition Major 71

Music Education Major 72-73

Music Arts Major 71

Music Minor 73

Music Performance Major 72

Music Technology Minor 73-74

**N**

NCLEX-RN Examination Eligibility 98

New Testament Major 75-76

New Testament Minor 78

Non-Credit Certificate of Theology 118

Non-Degree Seeking Students 21

Nonprofit Business Minor 83

Non-Traditional Course Work and Fees 22, 29-30

Nursing Major 98-99

Nursing Program 97-99

Application 97

Continuation in the Program 97

Transfers 98

**O**

Off Campus Programs 30

Office Heads 13

Old Testament Major 75

Old Testament Minor 78

Organizational Interpersonal Communication Major 51

Organizational Interpersonal Communication Minor 52

Organizational Relations Major 116-117

**P**

Pass/No Pass 28

Pastoral Care Minor 78

Pastoral Christian Ministries Major 76-77

Petition for Policy Exception 29

Phone Numbers 12-14

Physics Minor 57

Physics/Physical Science/Environmental Science 55

Placement Exams 20

Policy Exception 29

Portfolio 33-34, 88

Postsecondary School Administration (M.A.) 93

Practical Theology (M.A.) 109

Prelaw 63

Preprofessional Training in the Health Services 44-45

Pre dental Hygiene 45

Pre dentistry 45

Pre medicine 45, 46

Pre veterinary Medicine 45

Preseminary Minor 78

President and Chief Executive Officer 9

Print and Broadcast Journalism Computer Lab 18

Prior Learning Assessment (SLLE) 114

- |  |                                   |   |                    |
|--|-----------------------------------|---|--------------------|
| Probation and Suspension                           | 29, 84, 92                        | <b>T</b>  |                    |
| Academic   | 19, 29                            | Teacher Certification Foreign Lang. Proficiency | 20, 88             |
| Graduate Business                                  | 84                                | Teacher Education Program, Undergraduate        | 87-91              |
| Health/Physical Education Standards                | 29                                | Teaching English as a Second Language (M.A.)    | 94                 |
| Education  | 92                                | Teaching with Public School Licensure (M.A.)    | 92                 |
| Professional Education Program                     | 87, 88-89, 90                     | Telephone Service                               | 23                 |
| Psychology Major                                   | 42                                | Test of English as a Foreign Lang. (TOEFL)      | 20, 21, 97         |
| Psychology Minor                                   | 44                                | Theological-Historical Studies (M.A.)           | 106-107            |
| Public Relations and Advertising Minor             | 53                                | Theological-Historical Studies Major            | 77-78              |
|  |                                   | Theological-Historical Studies Minor            | 79                 |
|  |                                   | Theological Research Proficiency Requirement    | 103                |
| <b>R</b>   |                                   | Theology Department, Undergraduate              | 74-79              |
| Readmission  |                                   | Theology and Missions, School of                | 100-111            |
| Undergraduate                                      | 19, 27, 113                       | Timko-Barton Media Tech. and Com. Music Lab     | 18                 |
| Graduate   | 92, 101                           | Transfer Credit                                 | 20, 30-31, 94, 102 |
| SLLE   | 113                               | Transfer of Foreign Credit                      | 21                 |
| Recommendations                                    | 19                                | Transfer Students                               | 20, 87, 94         |
| Recreation Administration Major                    | 61                                | Tuition   | 22                 |
| Recreation Administration Minor                    | 62                                | Tutoring Center                                 | 18                 |
| Refunds, SLLE                                      | 114                               |   |                    |
| Regents, Board of                                  | 8                                 | <b>V</b>  |                    |
| Registration                                       | 29                                | Veterans Certificate of Eligibility             | 24                 |
| Repeat Course                                      | 28, 114                           | Vice President for Academic Affairs             | 12                 |
| Residence Hall Technologies                        | 19                                | Vice Presidents                                 | 10, 12             |
| Retention, School of Education                     | 88                                |   |                    |
| Roberts, Richard L.                                | 9                                 | <b>U</b>  |                    |
| Room and Board                                     | 22                                | University Administration                       | 9-13               |
| ROTC   | 34                                |   |                    |
|  |                                   | <b>W</b>  |                    |
| <b>S</b>   |                                   | WeekEnd University                              | 29, 116-117        |
| Sacred Music Major                                 | 72                                | Admission Requirements                          | 116                |
| Scholarships                                       | 24-25, 42, 47, 49, 57-58, 60, 102 | Classroom Activities                            | 116                |
| Scholastic Aptitude Test (SAT)                     | 19-20, 24                         | Dress Code                                      | 116                |
| School Administration (M.A.)                       | 93                                | Mission   | 116                |
| School Curriculum Development (M.A.)               | 92                                | Student Services                                | 116                |
| Schools  |                                   | Withdrawal from the University                  | 27                 |
| Arts and Sciences                                  | 38-79                             | Withdrawing from Classes                        | 24                 |
| Business   | 80-85                             | Worship Leadership Minor                        | 74                 |
| Education  | 86-96                             | Writing Major                                   | 59                 |
| Nursing  | 97-99                             | Writing Minor                                   | 60                 |
| School of Life Long Education (SLLE)               | 112-123                           |   |                    |
| Theology and Missions                              | 100-111                           | <b>Y</b>  |                    |
| Science Education Major                            | 46, 48, 57                        | Youth Ministry Minor                            | 78-79              |
| Secondary School Record                            | 19                                |   |                    |
| Security and Safety                                | 36                                |   |                    |
| Senior Paper                                       | 32-33                             |   |                    |
| Social Studies Education Major                     | 65-66                             |   |                    |
| Social Work Major                                  | 42-44                             |   |                    |
| Social Work Program Policies                       | 43-44                             |   |                    |
| Sociology Minor                                    | 44                                |   |                    |
| Spanish Education Major                            | 69                                |   |                    |
| Spanish Major                                      | 68                                |   |                    |
| Spanish Minor                                      | 70                                |   |                    |
| Special Education Mild-Moderate Disabilities Major | 89                                |   |                    |
| Special Students                                   | 19                                |   |                    |
| Speech/Drama/Debate Education Major                | 51-52                             |   |                    |
| Spiritual Life Department                          | 35                                |   |                    |
| Statement of Purpose                               | 14, 100, 113                      |   |                    |
| Student Accounts                                   | 23-24                             |   |                    |
| Student Activities                                 | 36                                |   |                    |
| Student Affairs                                    | 35                                |   |                    |
| Student Counseling Services                        | 34                                |   |                    |
| Student Housing                                    | 36                                |   |                    |
| Student Life                                       | 35-36                             |   |                    |
| Student Resources Office                           | 34                                |   |                    |
| Student Services                                   | 34-36                             |   |                    |
| Studio Art Major                                   | 41                                |   |                    |
| Study Abroad Programs                              | 30                                |   |                    |
| Summer Institute in Graduate Education             | 91                                |   |                    |
| Summer School                                      | 28, 91, 117                       |   |                    |
| Superintendent, Certification                      | 94, 95                            |   |                    |