



[2002 – 2004]
CATALOG

ORU
ORAL ROBERTS UNIVERSITY



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.

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.

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.

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.

Richard W. Couch.....Professor of Biology
 B.S., Oklahoma State University, 1959; M.S., University of Tennessee, 1961; Ph.D., Auburn University, 1966.

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.

Agnes 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.

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.....Instructor of Health, Physical Education, and Recreation
 B.S.E. John Brown University, 1982; M.Ed., University of Central Oklahoma, 1995.

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

Amanda Gregurich.....Instructor of English
 B.S., Evangel University, 1987; M.Ed., University of Louisville, 1997.

Daniel J. Grimes.....Assistant 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.

Mark R. Hall.....Associate Professor of English
 B.S.E., Central Missouri State University, 1981; M.S.E., 1982; Ed.S., 1984; M.A., Oral Roberts University, 1989; M.A., 1995; Ph.D., University of Tulsa, 2000.

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
 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.

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.

Joel D. Kimball.....Instructor of Engineering
 B.S., Central Michigan University, 1981; M.S., University of North Carolina, 1992; Ed.S., University of Alabama, 1994; M.S.E.E., 1998.

Catherine Klehm.....Assistant 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 and Chair, Department of Communication Arts
B.A., Michigan State University, 1958; M.A., 1961; Ph.D., University of Michigan, 1976.
- Leigh Anne Locke**.....Instructor of Mathematics
B.S., Oral Roberts University, 1997; M.A., University of Tulsa, 1999.
- C. Thomas Luiskuty**.....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 McMurtry**.....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., Mahere University, 1967; M.A., Oral Roberts University, 1991; Ph.D., University of California, 1981.
- M. Lenore Mullican**.....Assistant Professor of Hebrew
B.S.N., Oklahoma University, 1967; M.A., Oral Roberts University, 1993.
- Sara Myer**.....Instructor of Biology
B.A., Oral Roberts University, 1994; M.Ed., 1995.
- John M. Nelson**.....Professor of Biology
B.A., North Central Bible College, 1956; B.S., Evangel College, 1964; M.S., Southern Illinois University, 1966; Ph.D., 1970.
- Peggy M. Null**.....Instructor of English
B.A., Furman University, 1963; M.A., Kansas State University, 1971.
- 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**.....Assistant 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.
- Roberta Graber Ross**.....Assistant Professor of German
B.A., Rice University, 1961; M.A., Stanford University, 1963; Ph.D., 1970.
- 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.
- 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 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.
- 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.
- 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.
- Grady J. Walker**.....Associate Professor of English
B.A., Oklahoma City University, 1957; M.A., Oklahoma State University, 1959; Ph.D., University of Tulsa, 1971.
- 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.
- William R. Walker**.....Assistant Professor of Spanish
B.A., Drury College, 1965; M.A., University of Missouri, 1967.
- 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.
- Edward W. West**.....Instructor of Music
B.M., University of Cincinnati, 1978; M.M., 1980.
- Rick D. Westcott**.....Instructor of Government
B.A., Oral Roberts University, 1989; J.D., University of Tulsa, 1993.
- Teresa Williams**.....Assistant Professor of Mathematics
B.S., Howard University, 1968; M.A., University of Wisconsin, 1978; Ph.D., University of Iowa, 1989.
- Douglas G. Wilson**.....Assistant Professor of Music
B.M.E., Oral Roberts University, 1976; M.M., University of Tulsa, 1978; M.M., Yale University, 1981; D.M.A., University of Oklahoma, 1999.
- 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
Sue Montgomery, 1966-1985
Dr. Grant Moore, 1970-1987
Dr. Ed Nelson, 1968-1992
Dr. LaVoy Hatchet, 1965-1995
Dr. Hubert E. May, 1967-1996
Dr. Verbal Snook, 1965-1997
Dr. John E. Norvell, III, 1976-1998
Dr. David Robbins (1968-2003)
Dr. Barbara Silvers (1968-2003)
Dr. L. Duane Thurman, 1967-1998
Dr. J. Franklin Sexton, 1967-1999

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 and Reference Librarian
 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; Theologian 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.
Peggy Pixley.....Instructor and Public Services/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.....Instructor and Director of Holy Spirit Research Center
 B.A., Mississippi College, 1982; B.A., Ohio State University, 1984; M.A., Vanderbilt University, 1995.
Sally Jo Shelton.....Instructor and Cataloging Librarian/Technical and Computer Services
 B.A., Oral Roberts University, 1971; M.L.I.S., University of Oklahoma, 1995.

ART DEPARTMENT

Stuart Branston, M.F.A., Chair

It is the purpose of the Oral Roberts University Art Department to do the following:

- Validate students' call to be Christian artists or art teachers.
- Nurture students' creativity, scholarship, and ability to develop ideas.
- Build in students a firm foundation of creative experiences in the 2nd and 3rd dimensions and a critical

knowledge of art of the past and present.

- Develop in students the necessary technical art skills and written skills to pursue their chosen discipline.
- Assist students in the preparation of a portfolio to enable 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 emphases). 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.

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

Bachelor of Arts

This major is for students planning 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 subject/content area. Students interested in completing course work toward additional licensing should consult the subject area advisor.

General Education	Credit Hours
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

Major

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 499	Senior Project	3
Major Total		33

Professional Education

PED 100	Education Seminar (every semester)	0
PED 203	Foundations and Methods of Education	3
<i>Choice of one of the following two field experiences:</i>		
PED 111	Field-Based Experience/Practicum (Elementary)	1
PED 121	Field-Based Experience/Practicum (Secondary)	1
PED 222	School Health Care	1
PED 303	TESL Principles	3
PED 313	Human Growth and Development	3
PED 353	Exceptional Individuals	3
PED 363	Educational Technology	3
PED 361	Professional Education Seminar/Portfolio	1
PED 372	Classroom Management and Educational Law	3
PED 462	Elementary Art Methods and Evaluation	3
PED 472	Secondary Art Methods and Evaluation	3
PED 475	Student Teaching: Elementary	5
PED 495	Intern/Student Teaching: 10-12	5

Professional Education Total 37

Degree Total 128

GRAPHIC DESIGN PRINT MAJOR (GRP)

Bachelor of Science

General Education	Credit Hours
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

Awards

In recognition of scholarship, artistic ability, leadership, and ORU lifestyle commitment, the Department of Art 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 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 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
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 101, 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.

General Education		Credit Hours
English (ENG 101, 305)		6
Foreign Language (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 101)*		3
Health, Physical Education, and Recreation (Health Fitness I and II, swimming course or proficiency, six electives)		5
General Education Total		61
Major*		
SWK 202 Introduction to Social Work		3
SWK 302 Research Methods		3
SWK 303 Social Welfare Policy		3
SWK 311 Human Behavior in the Social Environment		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		47
Cognate*		
SOC 101 Introduction to Sociology		3
PSY 201 Principles of Psychology		3
PSY/SOC/SWK Electives**		6
Cognate Total		12
Electives		8
Degree Total		128

*Note: BIO 101, MAT 232, BUS 101, 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 101 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 311	Human Behavior in the Social Environment
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 predental 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 predental 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 Master of Physical Therapy Program at Southwest Baptist University as listed here will automatically receive preference and be eligible for the interview phase of the selection 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
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
Choice of three of the following courses:**		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	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

*Courses with an AUS prefix are offered only at the Au Sable Institute in Michigan.

**Students choosing an environmental concentration must choose from 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
Choice of one of the following courses:		3-4
MAT 114	Mathematical Analysis (3 hrs.)	
MAT 201	Calculus I (4 hrs.)	

Cognate Total

19-20

Electives***

21-22

Degree Total

128

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

■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)

Electives***

21-22

Degree Total

128

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

■Health Professions Concentration (HP)

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

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

Health Professions Concentration Total

8

Electives***

13-14

Degree Total

128

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

■Environmental Concentration (ENV)

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

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

EVR 250	Environmental Science (lecture 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.)*	

Environmental Concentration Total	10-11
Electives***	10-12

Degree Total	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

This 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.

General Education	Credit Hours
English (ENG 101, 305)	6
Oral Communication (COM 101)	3
Humanities (HUM 111, 112, 213, 214)	12
Biblical Literature (BLIT 110, 120)	6
Theology (THE 103)	3

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

General Education Total	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

Major Total	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 303	TESL Principles	3
PED 313	Human Growth and Development	3
PED 353	Exceptional Individuals	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 429	Secondary Methods: Science	3
PED 485	Student Teaching: 7-9	5
PED 495	Student Teaching: 10-12	5

Professional Education Total	36
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Degree Total	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
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Minor Total	20
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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. The Ozark Scholarship 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 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

PreHealth Professions

PHP 400	Medical Seminar
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Physiology

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 Department of Chemistry 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 chemistry major 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.

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.

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.

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.

General Education		Credit Hours
English (ENG 101, 305)		6
Oral Communication (COM 101)		3
Humanities (HUM 111, 112, 213, 214)		12
Biblical Literature (BLIT 110, 120)		6
Theology (THE 103)		3
Chemistry (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 101, FIN 244)		3
Health, Physical Education, and Recreation (Health Fitness I and II, swimming course or proficiency, six electives)		5

General Education Total 56

Major

CHE 211	Organic Chemistry I Lecture	3
CHE 211	Organic Chemistry I Laboratory	1
CHE 212	Organic Chemistry II Lecture	3
CHE 212	Organic Chemistry II Laboratory	1
CHE 300	Quantitative Analysis Lecture	2
CHE 300	Quantitative Analysis Laboratory	2
CHE 303	Physical Chemistry I Lecture	3
CHE 303	Physical Chemistry I Laboratory	1
CHE 400	Chemical Instrumentation Lecture	2
CHE 400	Chemical Instrumentation Laboratory	2
CHE 449	Chemistry Research	1
CHE 452	Seminar	1
CHE 499	Individual Research and Senior Paper	3

Choice of one or two of the following courses: 3-6

CHE 454	Recombinant DNA Technology (3 hrs.)	
CHE 455	Oncological Chemistry (3 hrs.)	
CHE 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.)	

Major Total 34
Minor* 20

*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	

Cognate Total 12

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.

Electives Total 6

Degree Total 128

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.

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

Major

CHE 211	Organic Chemistry I Lecture	3
CHE 211	Organic Chemistry I Laboratory	1
CHE 212	Organic Chemistry II Lecture	3
CHE 212	Organic Chemistry II Laboratory	1
CHE 300	Quantitative Analysis Lecture	2
CHE 300	Quantitative Analysis Laboratory	2
CHE 303	Physical Chemistry I Lecture	3
CHE 303	Physical Chemistry I Laboratory	1
CHE 304	Physical Chemistry II Lecture	3
CHE 400	Chemical Instrumentation Lecture	2
CHE 400	Chemical Instrumentation Laboratory	2
CHE 449	Chemistry Research	1
CHE 452	Seminar	1
CHE 456	Inorganic Chemistry	3
CHE 499	Individual Research and Senior Paper	3
<i>Choice of one of the following courses:</i>		3
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 of the following courses:</i>		3
CHE 471	Structure and Bonding	
CHE 474	Environmental Analysis	

Major Total 37

Cognate

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

Cognate Total 18

Electives

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.

Electives Total	17
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Degree Total	128
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SCIENCE EDUCATION MAJOR (SCED) with Secondary School Teaching Licensure Bachelor of Science

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.

General Education	Credit Hours
English (ENG 101, 305)	6
Oral Communication (COM 101)	3
Humanities (HUM 111, 112, 213, 214)	12
Biblical Literature (BLIT 110, 120)	6
Theology (THE 103)	3
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 First Aid/CPR, swimming course or proficiency, five electives)	4.5

General Education Total	54.5
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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

Major Total	40
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*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 303	TESL Principles	3
PED 313	Human Growth and Development	3
PED 353	Exceptional Individuals	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 429	Secondary Methods: Science	3
PED 485	Student Teaching: 7-9	5
PED 495	Student Teaching: 10-12	5

Professional Education Total	36
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Degree Total	130.5
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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
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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.

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

The 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 outstanding freshman chemistry major with the CRC Handbook.

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. The Ozark Scholarship Fund is designated for majors in the natural sciences who live in the Ozark regions of Missouri, Arkansas, and Oklahoma. This award is approximately \$500.

Course Offerings

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

Chemistry

CHE 101	Principles of Chemistry Lecture
CHE 101	Principles of Chemistry Laboratory
CHE 111	General Chemistry I Lecture
CHE 111	General Chemistry I Laboratory
CHE 112	General Chemistry II Lecture
CHE 112	General Chemistry II Laboratory
CHE 211	Organic Chemistry I Lecture
CHE 211	Organic Chemistry I Laboratory
CHE 212	Organic Chemistry II Lecture
CHE 212	Organic Chemistry II Laboratory
CHE 300	Quantitative Analysis Lecture
CHE 300	Quantitative Analysis Laboratory
CHE 303	Physical Chemistry I Lecture
CHE 303	Physical Chemistry I Laboratory
CHE 304	Physical Chemistry II
CHE 400	Chemical Instrumentation Lecture
CHE 400	Chemical Instrumentation Laboratory
CHE 449	Chemistry Research Laboratory
CHE 452	Seminar
CHE 454	Recombinant DNA Technology
CHE 455	Oncological Chemistry
CHE 456	Inorganic Chemistry
CHE 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

Raymond Lewandowski, Ph.D., *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 five 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.

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

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

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

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

General Education	Credit Hours
English (ENG 101, 305)	6

Oral Communication (COM 101)	3
Mathematics (MAT 113-499)	3
American History (HIS 101)	3
American Government (GOV 101)	3
Biology (lecture and lab)	4
Physical Science (lecture and lab)	4
Humanities (HUM 112, 213, 214)	9
Biblical Literature (BLIT 110, 120)	6
Theology (THE 103)	3
Foreign language (2 semesters including 203)	6
Social Sciences Elective (Choice of one of the following: PSY 201, SOC 323 SWK 202, SOC 101, SOC 201)	3
Health, Physical Education, and Recreation (Health Fitness I and II, Basic First Aid/CPR, swimming course or proficiency, five electives)	5

General Education Total 58

Major	
COM 102 Voice, Diction, and Phonetics	3
COM 105 Drama-TV-Film Seminar (2 sem.)	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 303 TESL Principles	3
PED 313 Human Growth and Development	3
PED 353 Exceptional Individuals	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 427 Secondary Methods: Communication Arts	3
PED 485 Intern/Student Teaching: 7-9	5
PED 495 Intern/Student Teaching 10-12	5

Professional Education Total 36

Degree Total 136

DRAMA MAJOR (CAD)

Bachelor of Arts

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

General Education	Credit Hours
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 101, 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	
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
Choice of one of the following:	3
COM 309 Argumentation and Persuasion	
COM 342 Communication Theory	

Major Total 30

Minor 18

Electives 19

Degree Total 128

DRAMA/ TELEVISION/ FILM PERFORMANCE MAJOR (DTF)

Bachelor of Science

The drama/television/film performance division of the Communication Arts Department (1) provides a foundation on which one can build experiences in professional, semi-professional, or amateur drama/television/film performance; (2) develops the intellectual,

aesthetic, and creative potential of students through drama/television/film as a liberal arts study; (3) prepares students for graduate study in drama, television, and film; and (4) provides the student with a variety of acting opportunities and experiences on the live theatre stage, in the television studio, and on the film location.

All drama/television/film performance majors must register for COM 105 Drama/TV/Film 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.

General Education	Credit Hours
English (ENG 101, 305)	6
Oral Communication (COM 101)	3
Humanities (HUM 111, 112, 213, 214)	12
Biblical Literature (BLIT 110, 120)	6
Theology (THE 103)	3
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 101, FIN 244)	3
Health, Physical Education, and Recreation (Health Fitness I and II, swimming course or proficiency, six electives)	5

General Education Total 55

Major	Credit Hours
COM 105 Drama/TV/Film Seminar (8 semesters at .5 per semester)	4
COM 107 Film Acting Techniques	3
COM 205 Fundamentals of Acting	3
COM 215 Introduction to Theatre	3
COM 216 Introduction to Technical Production	3
COM 232 Acting Styles	3
COM 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

Major Total 37

Cognate	Credit Hours
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	
MMC 432 Field Production/Editing	
MMC 437 Film Production Techniques	3

Cognate Total 18
Electives 18

Degree Total 128

MASS MEDIA COMMUNICATION MAJOR (MMC)

Bachelor of Science

The mass media communication division of the department 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, radio broadcasting, 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.

General Education	Credit Hours
English (ENG 101, 305)	6
Oral Communication (COM 101)	3
Humanities (HUM 111, 112, 213, 214)	12
Biblical Literature (BLIT 110, 120)	6
Theology (THE 103)	3
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 101, FIN 244)	3
Health, Physical Education, and Recreation (Health Fitness I and II, swimming course or proficiency, six electives)	5

General Education Total 55

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

Major	Credit Hours
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

Major Total 30

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

■Broadcast Journalism Concentration (BJRN)

MMC 205	Writing for Mass Media II	3
MMC 228	Introduction to TV Production	3
COM 205	Fundamentals of Acting	3
COM 322	Interviewing	3
MMC 499	Senior Paper/Project in Broadcast	3

Broadcast Journalism Concentration Total 15

Broadcast Journalism Cognate

MMC 206	Mass Communication Workshop: Telenews	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

Cognate Total 19
Electives 24

Degree Total with Broadcast Journalism Concentration 128

■Radio Broadcasting Concentration (RAD)

MMC 205	Writing for Mass Media II	3
MMC 228	Introduction to TV Production	3
COM 205	Fundamentals of Acting	3
COM 342	Communication Theory	3
COM 498	Senior Paper Preparation	1
COM 499	Senior Paper/Project in Radio Broadcasting	2

Radio Broadcasting Concentration Total 15

Radio Broadcasting Cognate

MMC 206	Mass Communication Workshop: KORU	1
MMC 208	Broadcast News	3
MMC 337	Advanced Radio Programming	3
MMC 345	Announcing	3
MMC 421	Integrated Marketing Communication	3
MMC 488	Administration and Management in Broadcasting	3

Choice of one of the following:
COM 451 Communications Internship
COM 453 Directed Study

Cognate Total 19
Electives 24

Degree Total with Radio Broadcasting Concentration 128

■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
COM 215 Introduction to Theatre
Choice of one of the following four courses:
COM 300 Organizational Communication
COM 309 Argumentation and Persuasion
COM 322 Interviewing
COM 342 Communication Theory

Public Relations/Advertising Concentration Total 15

Public Relations/Advertising Cognate

COM 406	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 415	Principles of Advertising	3
MMC 416	Advertising Layout and Design	3
<i>Choice of one of the following five courses:</i>		3
MMC 421	Integrated Marketing Communication	
MMC 427	Public Relations Management	
MMC 428	Public Relations Case Studies	
COM 451	Communications Internship	
COM 453	Directed Study	

Cognate Total 19
Electives 24

**Degree Total with Public Relations/
Advertising Concentration** 128

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
<i>Choice of one of the following two courses:</i>		3
COM 205	Fundamentals of Acting	
COM 215	Introduction to Theatre	
<i>Choice of one of the following four courses:</i>		3
COM 300	Organizational Communication	
COM 309	Argumentation and Persuasion	
COM 322	Interviewing	
COM 342	Communication Theory	

Journalism Concentration Total 15

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
COM 453	Directed Study	
MMC 208	Broadcast News	
MMC 332	Journalism Seminar	
MMC 363	Black and White Photography	
MMC 406	Public Relations	

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

Students participating in the MultiMedia Institute during their junior year receive intense hands-on experience, 40-hours a week, for two semesters. Students develop competencies working on real world projects. These projects include audio and video production, CD ROM authoring, and internet development. Programs include education, entertainment, drama, and promotion. Students completing studies at the Institute will have a video/CD ROM portfolio of their work. There is a one-time \$1800 fee to cover technology and 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 division of the department purposes to (1) develop skills in interviewing, listening, public speaking, problem solving, confer-

ence leadership, seminar development, systems analysis, and in-house communication consulting; (2) provide a base for a broad range of career opportunities in human communications, which focus on human resource development, organizational development, communication management, public relations, and sales; and (3) prepare students for study in speech communication, interpersonal or organizational communication management, and human resource development graduate programs.

General Education Credit Hours

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 101, FIN 244, SOC 323)	3
Health, Physical Education, and Recreation (Health Fitness I and II, swimming course or proficiency, and six electives)	5

General Education Total 61

Major

COM 203	Interpersonal Communication	3
COM 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
COM 406	Principles of Public Relations	
MMC 104	Foundations in Mass Media Communications	
MMC 221	Advertisement and Marketing in Telecommunications	
MMC 415	Principles of Advertising	

Major Total 31
Minor 18
Electives 18

Degree Total 128

Mass Media Communication Minor (MMC)

This minor is designed for students majoring outside of the department

MMC 104	Foundations in Mass Media	3
MMC 107	Writing for Mass Media I	3
MMC 127	Introduction to Audio Production	3
MMC 221	Advertisement and Marketing in Telecommunication	3
MMC 228	Introduction to Television Production	3
MMC	Elective (with approval of the department chair)	3
Minor Total		18

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
COM 406	Public Relations	3
COM 412	Training and Development	3
COM	Elective from organizational/interpersonal communication	3
Minor Total		18

For students majoring outside of the Communication Arts Department

COM 203	Interpersonal Communication	3
COM 300	Organizational Communication	3
COM 412	Training and Development	3
MGT 353	Human Resource Management	3
<i>Choice of one of the following two courses:</i>		3
COM 322	Interviewing	
COM 410	Discussion and Conference Leadership	
COM	Elective (related to human resource field from psychology, sociology, business, or communications areas with advisor's approval)	3
Minor Total		18

Journalism Minor (JRN)

This minor is designed for students majoring outside of the Communication Arts Department.

The mass media communication division offers a journalism minor especially 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
<i>Choice of two from the following:</i>		6

	(with journalism advisor approval))	
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	
COM 406	Principles of Public Relations	
COM 426	Communication Seminar	
COM 451	Communications Internship	

Minor Total **18**

Drama Minor (CAD)

COM 215	Introduction to Theatre	3
COM 216	Introduction to Technical Production	3
COM 336	Directing	3
COM	Electives (with drama advisor approval)	9

Minor Total **18**

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 (with approval of organizational/interpersonal advisor)	3

Minor Total **18**

Public Relations and Advertising Minor (PRA)

This minor is designed for students outside the Mass Media Communications major.

The mass media communication division also offers a public relations and advertising minor especially for those preparing to enter these fields and for those planning to undertake graduate study in related areas.

COM 406	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 415	Principles of Advertising	3
MMC 416	Advertising Layout and Design	3

Minor Total **18**

Students are encouraged to take additional elective hours in COM 426 (related seminars) on the advice of the public relations/advertising advisor.

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; organiza-

tional/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 406	Principles of Public Relations
COM 426	Communication Seminar
COM 451	Communications Internship
COM 453	Directed Study and Research
COM 498	Senior Paper Preparation
COM 499	Research and Senior Paper/Project

Drama

COM 105	Drama/Television/Film 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

Mass Media Communication

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 221	Advertisement and Marketing in Telecommunication
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 337	Advanced Radio Programming
MMC 345	Announcing
MMC 363	Black and White Photography
MMC 406	Principles of Public Relations
MMC 412	Desktop Video/Multimedia Production
MMC 415	Principles of Advertising
MMC 416	Advertising Layout and Design
MMC 417	Media Analysis
MMC 421	Integrated Marketing Communication
MMC 426	History of Broadcasting
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 488	Administration and Management in Broadcasting
MMC 489	Mass Communication Strategies and Design
MMC 499	Senior Research Project

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 101, FIN 244)	3
Health, Physical Education, and Recreation (Health Fitness I and II, swimming course or proficiency, six electives)	5
General Education Total	56
Major	
CSC 111 Introduction to Computing	3
CSC 231 Computers and Programming	3
CSC 255 Data Structures	3
CSC 355 File Processing	3
CSC 455 Database Systems	3
CSC 499 Senior Paper/Project	3
CSC Electives	15
Major Total	33
Cognate	
MAT 202 Calculus II	4
MAT 207 Discrete Mathematics	3
MAT 312 Linear and Matrix Algebra	3
Choice of one of the following two courses:	3
MAT 232 Elementary Statistics	
MAT 325 Probability and Statistics	
Cognate Total	13
Minor	18
Electives	8
Degree Total	128

Cognate Total	13
Minor	18
Electives	8
Degree Total	128

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.

General Education	Credit Hours
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,	3

SOC 323, BUS 101, FIN 244)	
Health, Physical Education, and Recreation (Health Fitness I and II, swimming course or proficiency, six electives)	5
General Education Total	55
Major	
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
Major Total	30
Cognate	
CSC 111 Introduction to Computing	3
CSC 255 Data Structures	3
Cognate Total	6
Minor	18
Electives	19
Degree Total	128

MATHEMATICS EDUCATION MAJOR (MATE) with Secondary School Teaching Licensure

Bachelor of Science

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.

General Education	Credit Hours
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	4.5

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
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

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

General Education Total 54.5

MAT 207 Discrete Mathematics 3
MAT 312 Linear and Matrix Algebra 3
MAT Elective (above the MAT 300 level) 3

Minor Total 17

Major

MAT 201 Calculus I 4
MAT 202 Calculus II 4
MAT 207 Discrete Mathematics 3
MAT 211 Differential Equations 3
MAT 312 Linear and Matrix Algebra 3
MAT 313 College Geometry 3
MAT 321 Calculus of Functions of Several Variables 4

MAT 325 Probability and Statistics 3
MAT 499 Senior Paper 3

Choice of one of the following three courses: 3

MAT 318 Elementary Number Theory
MAT 401 Higher Algebra
MAT 421 Advanced Calculus

Major Total 33

Cognate

CSC 111 Introduction to Computing 3
CSC 255 Data Structures 3
MAT 451 Math Education Internship 2

Cognate Total 8

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 303 TESL Principles 3
PED 313 Human Growth and Development 3
PED 353 Exceptional Individual 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 428 Secondary Methods: Mathematics 3
PED 485 Student Teaching: 7-9 5
PED 495 Student Teaching: 10-12 5

Professional Education Total 36

Degree Total 131.5

Computer Science Minor (CSC)

CSC 111 Introduction to Computing 3
CSC 231 Computers and Programming 3
CSC 255 Data Structures 3
CSC Electives (above the MAT 100 level) 9

Minor Total 18

Mathematics Minor (MAT)

MAT 201 Calculus I 4
MAT 202 Calculus II 4

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 429 Topics in 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 community with healing for the totality of human need.

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. It also provides courses 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
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 101 recommended)	3
Health, Physical Education, and Recreation (Health Fitness I and II, swimming course or proficiency, six electives)	5
General Education Total	56

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

Major

EGR 100	Engineering Seminar*	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
MAT 202	Calculus II	4
MAT 211	Differential Equations	3
MAT 321	Calculus of Functions of Several Variables	4
MAT	Elective (upper division)	3
<i>One of the following courses, based on concentration**:</i>		
EGR 252	Engineering Computational Methods	3
CSC 111	Introduction to Computing	3
Major Total		41

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

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

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 that will prepare them 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
<i>Choice of four of the following courses:</i>		
EE 325	Design w/ Standard Components	12
EE 361	Power Systems Analysis	
EE 363	Electromechanical Devices	
EE 450	Digital Signal Processing	
EE 462	Power Systems Design	
EGR 331	Design of Control Systems	
CMPE 441	Microprocessor Systems Design	
CMPE 443	Computer Architecture	

Electrical Engineering Concentration Total 40

■Mechanical Engineering Concentration (ME)

EGR 222	Mechanics II: Dynamics	3
EGR 330	Control Systems	3
ME 321	Mechanics of Materials	3
ME 331	Applied Thermodynamics	3
ME 381	Principles of Design	3
ME 433	Heat Transfer	3
ME 441	Fluid Mechanics	3
ME 442	Refrigeration and Air Conditioning	3
ME 461	Manufacturing Processes	3
ME 482	Advanced Design	3
EE 321	Electronics I	4
<i>Choice of two of the following courses:</i>		
EGR 331	Design of Control Systems	6
ME 371	Theory of Machines/Mechanisms	
ME 450	Special Topics: Aircraft Design	

Mechanical Engineering Concentration Total 40

■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 40

Degree Total 137

BIOMEDICAL ENGINEERING MAJOR (EGRB)

Bachelor of Science

General Education	Credit Hours
English (ENG 101, 305)	6
Oral Communication (COM 101)	3
Humanities (HUM 111, 112, 213, 214)	12
Biblical Literature (BLIT 110, 120)	6
Theology (THE 103)	3
Chemistry (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 101 recommended)	3
Health, Physical Education, and Recreation (Health Fitness I and II, swimming course or proficiency, six electives)	5
General Education Total	56

Major

EGR 101	Introduction to Engineering	2
EGR 140	Engineering Graphics	2
EGR 210	Network Analysis I Lecture	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 Lecture	4
EE 322	Electronics II Lecture	4
EE 360	Electromagnetic Theory	3
EGR 100	Engineering Seminar*	0
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
MAT 202	Calculus II	4
MAT 211	Differential Equations	3

MAT 321	Calculus of Functions of Several Variables	4
Major Total		81
Degree Total		137

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

ENGINEERING PHYSICS MAJOR (EGRP)

Bachelor of Science

General Education		Credit Hours
English (ENG 101, 305)		6
Oral Communication (COM 101)		3
Humanities (HUM 111, 112, 213, 214)		12
Biblical Literature (BLIT 110, 120)		6
Theology (THE 103)		3
Chemistry (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 101 recommended)		3
Health, Physical Education, and Recreation (Health Fitness I and II, swimming course or proficiency, six electives)		5
General Education Total		56

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 Seminar	0
EGR 101	Introduction to Engineering	2
EGR 140	Engineering Graphics	2
EGR 210	Network Analysis I (lecture and lab)	4
EGR 252	Engineering Computational Methods	3
Major Total		53

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

Minor

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
Minor Total		17
Electives		6
Degree Total		132

SCIENCE EDUCATION MAJOR (SCED) with Secondary School Teaching Licensure

Bachelor of Science

This major is designed for students interested in teaching science in the middle or high school levels. The program meets the State of Oklahoma requirements for licensure with endorsement in general science, physical science, chemistry, physics, and biology.

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
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
General Education Total		55.5

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 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
Major Total		40

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

Professional Education

PED 100	Education Seminar (every semester)	0
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PED 121	Field Based Experience/Practicum (Secondary)	1
PED 203	Foundations and Methods of Education	3
PED 222	School Health Care	1
PED 303	TESL Principles	3
PED 313	Human Growth and Development	3
PED 353	Exceptional Individuals	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 429	Secondary Methods: Science	3
PED 485	Intern/Student Teaching: 7-9	5
PED 495	Intern/Student Teaching: 10-12	5
Professional Education Total		36

Degree Total 131.5

Physics Minor (PHY)

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

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

Cognate

MAT 201	Calculus I	4
MAT 202	Calculus II	4
Cognate Total		8

Minor Total 26

Environmental Studies Minor (ENVS)

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

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

EVR 250	Environmental Science Lecture	3
EVR 250	Environmental Science Lab	1
BIO 312	Ecology Lecture	3
BIO 312	Ecology Lab	1
EVR 450	Current Global Issues Seminar	3
CHE 101 or 111	Chemistry I Lecture	3
CHE 101 or 111	Chemistry I Lab	1
<i>Choice of one course from the following:</i>		4
BIO 458	Marine Ecology Lecture and Lab	
CHE 400	Chemical Instrumentation Lecture and Lab	

- *AUS 216 Field Geology
- *AUS 302 Limnology
- *AUS 311 Field Botany
- *AUS 471 Conservation Biology
- *AUS 482 Restoration Ecology

Minor Total

19

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

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

Awards and Scholarships

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

Outstanding Senior Awards: The Engineering/Physics Department annually honors a graduating senior in each of the following majors: engineering, engineering physics, 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. The Ozark Scholarship 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.

Engineering/Physics Scholarship: A limited scholarship fund for engineering and physics students is awarded based on academic merit and financial need.

Pipeliners Club of Tulsa Scholarship: This award, given to a junior or senior in the Engineering/Physics Department, is based on academic merit and financial need.

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/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 service, 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, consisting of 34 hours in English and

communication course work and 37 hours in education, is required for anyone desiring teaching certification at middle or high school grade levels. 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 students to substitute for the second semester of general education English.

ENGLISH LITERATURE MAJOR (ENG)

Bachelor of Arts

General Education	Credit Hours
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 101, 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

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
Choice of two of the following:		6
ENG 310	World Literature	
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		30

Minor

Electives 19

Degree Total 128

ENGLISH EDUCATION MAJOR (ENGE) WITH SECONDARY SCHOOL TEACHING LICENSURE

Bachelor of Arts

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
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 101, FIN 244)	3
Health, Physical Education, and Recreation (Health Fitness I and II, Basic First Aid/CPR, swimming course or proficiency, five electives)	5
General Education Total	58

Major

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 303	TESL Principles	3
PED 313	Human Growth and Development	3
PED 353	Exceptional Individuals	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 458	Secondary Methods: Composition	2
PED 459	Secondary Methods: Literature	2
PED 485	Intern/Student Teaching: 7-9	5
PED 495	Intern/Student Teaching: 10-12	5

Professional Education Total 37

Degree Total 129

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.

General Education	Credit Hours
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 101, FIN 244)	3
Health, Physical Education, and Recreation (Health Fitness I and II, swimming course or proficiency, six electives)	5
General Education Total	61

Major

WRT 304	Advanced Grammar and Usage	3
WRT 335	Technical Writing I	3
WRT 336	Technical Writing II	3
WRT/ENG	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	
WRT 331	Literary Writing I	3
WRT 332	Literary Writing II	3
Choice of one of the following courses:		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

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>		6
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

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

Minor Total 18

Writing Minor (WRT)

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

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

Minor Total 18

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>		6
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.)	

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 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 aer-

obics, 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 course 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 130 semester hours (35 to 44 semester hours in HPER) and two student assistantships.

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

Bachelor of Science

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.

General Education	Credit Hours
English (ENG 101, 305)	6
Oral Communication (COM 101)	3
Humanities (HUM 111, 112, 213, 214)	12
Biblical Literature (BLIT 110, 120)	6
Theology (THE 103)	3
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 101, 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

HPER 200	Introduction to HPER	3
HPER 231	Personal Health Science	3
HPER 233	Safety and First Aid	3
HPER 241-244	Officiating Sports	1
HPER 313	Motor Learning, Games, and Activities	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 355	Theory and Analysis of Teaching Gymnastics	2
HPER 356	Theory and Analysis of Teaching Aquatics	2
HPER 361	Developmental Adapted Physical Education	2

Major Total 38

Professional Education

PED 100	Education Seminar (every semester)	0
PED 203	Foundations and Methods of Education	3
Choice of one of the field-based courses:		1
PED 111	Field-Based Experience-(Elementary)	1
PED 121	Field-Based Experience-(Secondary)	1
PED 222	School Health Care	2
PED 303	TESL Principles	3
PED 313	Human Growth and Development	3
PED 353	Exceptional Individuals	3
PED 361	Prof Education Seminar/Portfolio	1
PED 363	Educational Technology	3
PED 372	Classroom Management and Educational Law	3
PED 392	Evaluation in HPER	2
PED 452	HPER Methods	2
PED 475	Intern/Student Teaching: Elementary	5
PED 495-	Intern/Student Teach: 10-12	5

Professional Education Total 35

Degree Total 128

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, and a choice of three areas of concentration: specialist, prephysical therapy, and presports medicine. The specialist concentration includes a minor, and the prephysical therapy and presports medicine concentrations include a cognate. Students also have choices in electives.

General Education	Credit Hours
English (ENG 101, 305)	6
Oral Communication (COM 101)	3
Humanities (HUM 111, 112, 213, 214)	12

Biblical Literature (BLIT 110, 120)	6
Theology (THE 103)	3
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 101, FIN 244)	3
Health, Physical Education, and Recreation (Health Fitness I and II; Weight Training; Swim Conditioning or Lifeguarding; Racquetball; Creative Aerobics, Step Aerobics, Power Step Aerobics, or Body Sculpting; and two elective activities)	5

General Education Total 59-60

*The presports medicine concentration requires MAT 201 and PSY 201. The prephysical therapy concentration students need to take PSY 201 for the social sciences elective.

**CHE 111 is required for PT and PM concentrations.

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

Major Total 30

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

Cognate

CSC 112	Microcomputing Applications for Business	3
NUT 201	Nutrition	3

Cognate Total 6

■Exercise Specialist Concentration (ES)

HPER 481	Internship in Health and Exercise Science	12
Specialist Concentration Total		12
Minor* and/or Electives		21

Degree Total 128-129

*Students with the exercise specialist concentration need to consult with the advisor to decide which minor to pursue.

■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
Prephysical Therapy Concentration Total		28
Electives		5
Degree Total		128

■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
Presports Medicine Concentration Total		33
Degree Total		129

RECREATION ADMINISTRATION MAJOR (HPR)

Bachelor of Science

General Education		Credit Hours
English (ENG 101, 305)		6
Oral Communication (COM 101)		3
Humanities (HUM 111, 112, 213, 214)		12
Biblical Literature (BLIT 110, 120)		6
Theology (THE 103)		3
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 101, 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

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 481	Internship in Recreation	5
HPER 499	Research in HPER (Senior Paper)	3
Major Total		44

Cognate

CSC 112	Microcomputing Application in Business	3
Cognate Total		3
Minor and/or Electives		26
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
Minor Total		18

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
Minor Total		18

Awards

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

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

Outstanding 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 cat-

alog. 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 231	Personal Health Science
HPER 233	Safety and First Aid
HPER 241	Officiating Football
HPER 242	Officiating Volleyball
HPER 243	Officiating Basketball
HPER 244	Officiating Baseball/Softball
HPER 313	Motor Learning, Games, and Activities
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 355	Theory and Analysis of Teaching Gymnastics
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 481	Internship in Health and Exercise Science or Recreation
HPER 499	Research in HPER (Senior Paper)
Graduate Health, Physical Education,	
GHPE 503/703	Graduate Health Fitness
GHPE 515/715	Graduate Aerobics
GHPE 525/725	Graduate Walk for Fitness
Physical Activity Courses (.5 or 1.0 credit)	
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	
Racquetball	
Scuba Diving	

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 specialties and/or introductory studies. History is an excellent major for students who plan to implement the founding purpose of Oral Roberts University—to go into every person's world, as well as practice professions such as law, government, business, journalism, teaching, or any field requiring knowledge of national and world events 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 National Association of Evangelicals (N.A.E.) 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 June 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>
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 101, FIN 244)	3
Health, Physical Education, and Recreation (Health Fitness I and II, swimming course or proficiency, six electives)	5

General Education Total 61

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

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

Minor

Students choose a minor after consulting with an advisor. Appropriate examples include government, humanities, business, English, or a foreign language. Some students may use elective hours to complete a second minor.

Minor Total	18
Electives	19
Degree Total	128

GOVERNMENT MAJOR (GOV)

Bachelor of Arts

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

Government major at ORU helps prepare students

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

General Education	Credit Hours
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 101, FIN 244)	3
Health, Physical Education, and Recreation (Health Fitness I and II, swimming course or proficiency, six electives)	5

General Education Total 61

Major

GOV 201	Introduction to Political Science	3
GOV 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

Major Total 30

Minor Total 18

Electives 19

Degree Total 128

Concentrations

A government concentration may be earned in one of the three following areas by completing a minimum of 12 hours in that concentration. The following courses are elective courses for both the major and minor government students:

■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 487	Oklahoma Intercollegiate Legislature Internship (1-3 hrs.)
GOV 489	American Studies Internship (1-3 hrs.)
HIS 451	Department Seminar: American (3 hrs.)
Concentration Total	12

■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.)

Concentration Total 12

■Prelaw Studies Concentration (PLAW)

<i>Students take 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.)

Concentration Total 12

Degree Total 128

INTERNATIONAL RELATIONS MAJOR (INR)

Bachelor of Arts

The International Relations (I.R.) major is one who is interested in learning about and/or pursuing a career in diplomacy, regionalized and international political, social, cultural, linguistics, economics, and religious areas coupled with modern language and theological studies. The I.R. major will be adequately prepared for the diversity in the modern global arena through a strong foundation of Judeo-Christian principles as they apply to international studies.

General Education

	Credit Hours
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 101, 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

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 498	Senior Paper Preparation	1
GOV 499	Senior Paper/Project	2
<i>Choice of three courses from the following:</i>		9
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 391	International Political Economy
GOV 488	Model United Nations Internship

Major Total 30

Cognate

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

Cognate Total 9

Minor

A foreign language minor is required for the international relations major. The general education requirements for a bachelor of arts degree include the 102 and 203 levels of a foreign language; it is recommended that the students continue with the same language in the minor as they studied in the general education component. Students with previous language experience may test out of some language courses (through the Modern Foreign Languages Department), thereby accelerating the completion of their minor. Interested students should consult the chair of the Modern Foreign Languages Department.

Language Minor (Courses must be in the same language)

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

Choice of the following courses: 6-7

FRE, GER, SPA, HEB 219	Travel Study (3 hrs.)
FRE, GER, SPA, HEB 301	Phonetics/Conversation (3 hrs.)
FRE, GER, SPA, HEB 302	Composition (3 hrs.)
FRE, GER, SPA, HEB 303	Survey of Literature I (3 hrs.)
FRE, GER, SPA, HEB 304	Survey of Literature II (3 hrs.)
FRE, GER, SPA, HEB 306	Business Language (4 hrs.)

Language Minor Total 19

Electives 15

Degree Total 128

Note: 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 Language Department has more information.

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

This major is for those students planning certification to teach in social studies. It may not be followed unless the student wants certification to teach and student teaching is completed.

The program cuts across subject fields; the graduate can be approved to teach middle and secondary school classes in civics, democracy, economics, government, United States history, world history, Oklahoma history, and sociology by fulfilling the minimum hours in the subject area. The courses for this program are described in their respective subject areas.

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.

General Education	Credit Hours
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, five electives)	4.5
General Education Total	54.5

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 101	Principles of Economics I	3
<i>Choice of three courses from the following:</i>		9
HIS 341	Colonial America: The English Colonies, 1607-1763	3
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	3
HIS 347	U.S. Social and Intellectual History	
<i>Choice of two courses from the following:</i>		6
HIS 331	Middle Ages and the Renaissance, 1476-1530	3
HIS 332	Age of the Reformation, 1450-1648	
HIS 333	Early Modern Europe, 1648-1815	
HIS 334	Europe, 1815-1914	3
HIS 335	Europe, 1914-Present	

Choice of one course from the following:

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	

Major Total

39

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 303	TESL Principles	3
PED 313	Human Growth and Development	3
PED 353	Exceptional Individuals	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 430	Secondary Methods: Social Studies	2
PED 485	Intern/Student Teaching: 7-9	5
PED 495	Intern/Student Teaching: 10-12	5

Professional Education Total

35

Degree Total

128.5

Government Minor (GOV)

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

Minor Total

18

History Minor (HIS)

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

International Relations Minor (INR)

GOV 201	Introduction to Political Science	3
GOV 311	International Relations	3
HIS	Elective from Europe or Middle East regions	3
HIS	Elective from Asia or Latin American regions	3

Choice of two from the following:

GOV 305	Comparative Government	6
GOV 370	Area Studies	
GOV 381	American Foreign Policy	
GOV 391	International Political Economy	
GOV 488	Model United Nations Internship	3

Minor Total

18

Humanities Minor (HUM)

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

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

Prerequisites

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

Minor

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

Minor Total

18

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

Awards

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

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

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

Course Offerings

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

Government

GOV 101	American Government and Politics
GOV 201	Introduction to Political Science
GOV 205	Political Science Research Methods
GOV 305	Comparative Government

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

History

HIS 101	American History Survey: 1760 to Present
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 348	American Religious 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 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

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.

General Education	Credit Hours
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 101, FIN 244)	3
Health, Physical Education, and Recreation (Health Fitness I and II, swimming course or proficiency, six electives)	5

General Education Total

61

Major

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

Major Total	63
Electives	4

Degree Total	128
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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 lan-

guage 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 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

General Education	Credit Hours
English (ENG 101, 305)	6
Oral Communication (COM 101)	3
Humanities (HUM 111, 112, 213, 214)	12
Biblical Literature (BLIT 110, 120)	6
Theology (THE 103)	3
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 101, 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 i (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
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 101, 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
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 101, FIN 244)	3
Health, Physical Education, and Recreation (Health Fitness I and II, swimming course or proficiency, six electives)	5
General Education Total	55

Major

SPA 203	Intermediate Spanish I	3
SPA 204	Intermediate Spanish II	3
SPA 301	Phonetics and Conversation	3
SPA 302	Spanish Composition	3
SPA 314	Survey of Latin American Literature	3
SPA	Electives (300/400 level)	9
SPA 498	Senior Paper Bibliography	1
SPA 499	Senior Paper	2

<i>Choice of one of the following two courses:</i>	3
SPA 303 Survey of Spanish Literature I	
SPA 304 Survey of Spanish Literature II	
Major Total	30
Minor	18
Electives	25
Degree Total	128

FRENCH EDUCATION MAJOR (FREE) with K-12 Teaching Licensure Bachelor of Arts

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

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

General Education	Credit Hours
English (ENG 101, 305)	6
Oral Communication (COM 101)	3
Humanities (HUM 111, 112, 213, 214)	12
Biblical Literature (BLIT 110, 120)	6
Theology (THE 103)	3
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 101, FIN 244)	3
Health, Physical Education, and Recreation (Health Fitness I and II, Basic First Aid/CPR, swimming course or proficiency, five electives)	4.5
General Education Total	54.5

Major

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)	6
FRE 498	Senior Paper Bibliography	1
FRE 499	Senior Paper	2
<i>Choice of one of the following two courses:</i>		3-4
FRE 306	Business French (4 hrs.)	
FRE	Elective (300 or 400 level) (3 hrs.)	

Major Total	33-34
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Professional Education

PED 100	Education Seminar (every semester)	0
PED 203	Foundations and Methods of Education	3

<i>Choice of one of the two field-based courses:</i>		1
PED 111	Field-Based Experience/Practicum (Elementary)	
PED 121	Field-Based Experience/Practicum (Secondary)	
PED 222	School Health Care	1
PED 303	TESL Principles	3
PED 313	Human Growth and Development	3
PED 361	Professional Education Seminar/Portfolio	1
PED 353	Exceptional Individuals	3
PED 363	Educational Technology	3
PED 372	Classroom Management and Educational Law	3
PED 382	Educational Assessment	2
PED 457	Methods: Modern Foreign Language	2
PED 475	Intern/Student Teaching: Elementary	5
PED 495	Intern/Student Teaching: Secondary	5
Professional Education Total		35
Electives		4.5-5.5
Degree Total		128

GERMAN EDUCATION MAJOR (GERE) with K-12 Teaching Licensure Bachelor of Arts

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

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

General Education	Credit Hours
English (ENG 101, 305)	6
Oral Communication (COM 101)	3
Humanities (HUM 111, 112, 213, 214)	12
Biblical Literature (BLIT 110, 120)	6
Theology (THE 103)	3
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 101, FIN 244)	3
Health, Physical Education, and Recreation (Health Fitness I and II, Basic First Aid/CPR, swimming course or proficiency, five electives)	4.5
General Education Total	54.5

Major

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)	6
GER 498	Senior Paper Bibliography	1
GER 499	Senior Paper	2
<i>Choice of one of the following two courses:</i>		3-4
GER 306	Business German (4 hrs.)	
GER	Elective (300 or 400 level) (3 hrs.)	

Major Total 33-34

Professional Education

PED 100	Education Seminar (every semester)	0
PED 203	Foundations and Methods of Education	3
<i>Choice of one of the two field-based courses:</i>		1
PED 111	Field-Based Experience/Practicum (Elementary)	
PED 121	Field-Based Experience/Practicum (Secondary)	
PED 222	School Health Care	1
PED 303	TESL Principles	3
PED 313	Human Growth and Development	3
PED 361	Professional Education Seminar/Portfolio	1
PED 353	Exceptional Individuals	3
PED 363	Educational Technology	3
PED 372	Classroom Management and Educational Law	3
PED 382	Educational Assessment	2
PED 457	Methods: Modern Foreign Language	2
PED 475	Intern/Student Teaching: Elementary	5
PED 495	Intern/Student Teaching: Secondary	5

Professional Education Total 35
Electives 4.5-5.5

Degree Total 128

SPANISH EDUCATION MAJOR (SPA) with K-12 Teaching Licensure Bachelor of Arts

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

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

General Education	Credit Hours
English (ENG 101, 305)	6
Oral Communication (COM 101)	3
Humanities (HUM 111, 112, 213, 214)	12
Biblical Literature (BLIT 110, 120)	6
Theology (THE 103)	3
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,	3

SOC 323, BUS 101, FIN 244)	
Health, Physical Education, and Recreation (Health Fitness I and II, Basic First Aid/CPR, swimming course or proficiency, five electives)	4.5

General Education Total 54.5

Major

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 in Spanish (upper division)	9
SPA 498	Senior Paper Bibliography	1
SPA 499	Senior Paper	2
<i>Choice of one of the following two courses:</i>		3
SPA 303	Survey of Spanish Literature I	
SPA 304	Survey of Spanish Literature II	
<i>Choice of one of the following two courses:</i>		3-4
SPA 306	Business Spanish (4 hrs.)	
SPA	Elective (300 or 400 level) (3 hrs.)	

Major Total 33-34

Professional Education

PED 100	Education Seminar (every semester)	0
PED 203	Foundations and Methods of Education	3
<i>Choice of one of the two field-based courses:</i>		1
PED 111	Field-Based Experience/Practicum (Elementary)	
PED 121	Field-Based Experience/Practicum (Secondary)	
PED 222	School Health Care	1
PED 303	TESL Principles	3
PED 313	Human Growth and Development	3
PED 361	Professional Education Seminar/Portfolio	1
PED 353	Exceptional Individuals	3
PED 363	Educational Technology	3
PED 372	Classroom Management and Educational Law	3
PED 382	Educational Assessment	2
PED 457	Methods: Modern Foreign Language	2
PED 475	Intern/Student Teaching: Elementary	5
PED 495	Intern/Student Teaching: Secondary	5

Professional Education Total 35
Electives 4.5-5.5

Degree Total 128

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)

This minor is for business majors only. 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	4
FRE, GER, SPA, HEB Electives (upper division)	3

Minor Total 20

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 405	Seventeenth Century Literature
FRE 407	Age of the Philosophers
FRE 408	French Romanticism (1790-1850)

FRE 409	Realism to Symbolism (1850-1925)
FRE 410	Contemporary French Literature
FRE 451	Special Readings
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 219	Travel Study
GER 301	German Phonetics and Conversation
GER 302	German Composition
GER 303	Survey of German Literature I
GER 304	Survey of German Literature II
GER 305	German Civilization and Culture
GER 306	Business German
GER 403	The Age of Goethe
GER 404	Novelle
GER 407	Lyric Poetry
GER 409	German Novel
GER 451	Special Readings
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 403	Golden Age Drama and Poetry
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 498	Senior Paper Bibliography
SPA 499	Senior Paper

MUSIC DEPARTMENT

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

The Music Department offers three degree programs, each with the following minimum hours per degree: the bachelor of arts (129.5 semester hours), the bachelor of music (128-131 semester hours), and the bachelor of music education (138.5) semester hours. The bachelor of music degree has the following possible concentrations: performance, composition,

composition/technology, or sacred music. The 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. Each semester, an inclusive \$250 fee is charged the full-time music majors for applied music, which is required in the degree plan. 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.

Any applied lessons by majors that are not required in the degree plan will be assessed a fee of \$250 per semester-hour credit. This fee also applies to music minors and other non-majors who take applied lessons.

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 bache-

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

*Students spending a semester at The Recording Workshop in Ohio do not take an 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	
Major Total		43

Arts Concentration (MART)

MUS 029-050	Applied Music: Primary	8
MUS 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
<i>Choice of elective from sacred music or composition technology courses or from the following list: MUS 201, 301, 302, 443, 444</i>		3
<i>Choice of one of the following two courses:</i>		3
MUS 421	Senior Recital	
MUS 499	Senior Paper/Project	
Arts Concentration Total		30

Technology Concentration (MTEC)

MUS 029-050	Applied Music: Primary	7
MUS 061-067	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
<i>Choice of two or three hours from the following:**</i>		2
MUS 310	Studies in Advanced Music Technology (3 hrs.)	
MUS 313	Sequencing and Digital Audio (3 hrs.)	
MUS 315	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.)	
<i>Choice of one of the following:</i>		3
MUS 421	Senior Recital (3 hrs.)	
COM 451	Communications Internship (3 hrs.)	

Technology Concentration Total	30
Minor	18
Electives	8

Degree Total	129.5-130
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*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
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 061-067	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
<i>Choice of applied courses from the following three:</i>		4
MUS 001-023	Applied Music: Secondary	
MUS 125-128	Class Piano I-IV	
MUS 131	Class Voice	
<i>Choice of three of the following four courses:</i>		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

*MUC students must make a B average or better in .MUS 101-105 and 201-202

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

Concentration in Composition (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

Concentration in Composition/Technology (MUCT)

MUS 335	Composition I	2
MUS 421	Senior Recital	3
<i>Choice of three of the following courses:</i>		9
MUS 310	Studies in Advanced Music Technology**	
MUS 313	Sequencing and Digital Audio	
MUS 315	Multimedia for Musicians	
MUS 412	Music Technology Practicum	
Technology Concentration Total		14
Electives		11
Degree Total		131-132

*MUC students must make a B average or better in MUS 101-105 and 201-202.

**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
English (ENG 101, 305)	6
Foreign Language (French or German)	3-6

(nonvocal primaries—3 hours; vocal primaries—6 hours)	
Oral Communication (COM 101)	3
Humanities (HUM 111, 214)	6
History and Literature of Music (MUS 205, 206)	8
Biblical Literature (BLIT 110, 120)	6
Theology (THE 103)	3
Laboratory Science or Mathematics (MAT 151)	3-4
American History (HIS 101)	3
American Government (GOV 101)	3
Social Sciences (MUS 208)	3
Health, Physical Education, and Recreation (Health Fitness I and II, swimming course or proficiency, six electives)	5

Non-Vocal General Education Total	52-53
Vocal General Education Total	55-56

Major

MUS 061-064	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	
Non-Vocal Major Total		39
Vocal Major Total		37

■Instrumental Concentration (MUPJ)

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

**SACRED MUSIC
MAJOR (MULW)****Bachelor of Music**

General Education	Credit Hours
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
General Education Total	49-50

Major

MUS 026-047	Applied Music: Primary (Minimum two credits of voice and one of organ)	14
MUS 061-067	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
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

**MUSIC EDUCATION
MAJOR (MUE) with
K-12 Teaching Licensure****Bachelor of Music Education**

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
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
Principles of Biology (BIO 101 or 111)	4
Physical Science (lecture and lab)	4
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 five electives)	4.5
General Education Total	56.5

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	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 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
<i>Choice of one of the following two senior courses*:</i>		
MUS 421	Senior Recital	
MUS 499	Senior Paper/Project	

Major Total 49

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

■ Instrumental Concentration (MUEI)

MUS 001, 125-128	Applied Music: Secondary Piano	2
MUS 033-047	Applied Music: Primary Orchestral Instrument	10
MUS 061-067	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
<i>Choice of one of the following:</i>		1
MUS 004	Applied Music: Voice (1 hr.)	
MUS 029	Applied Music: Voice (2 hrs.)	
MUS 131	Class Voice (1 hr.)	
MUS 325	Voice Pedagogy and Repertoire (1 hr.)	

Instrumental Concentration Total 26

■ Vocal Concentration (MUEV)

<i>Choice of one of the following two applied courses:</i>		
MUS 026	Applied Music: Piano	
MUS 029	Applied Music: Voice	
<i>Choice of one of the following secondary courses:</i>		
MUS 001, 125-128	Applied Music: Piano	2
MUS 004, 131	Applied Music: Voice	
MUS 061-067	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

Vocal Concentration Total 26

Professional Education

PED 100	Education Seminar (every semester)	0
PED 203	Foundations and Methods of Education	3
PED 303	TESL Principles	3
PED 313	Human Growth/Development	3
PED 353	Exceptional Individuals	3
PED 361	Professional Seminar/Portfolio	1
PED 433	Elementary Music Methods and Evaluation	3
PED 442	Secondary Music Methods and Evaluation	2
<i>Choice of field-based courses:</i>		1
PED 111	Field-Based Experience (Elementary)	
PED 121	Field-Based Experience (Secondary)	
<i>Choice of MUEV or MUEI courses:</i>		2
PED 201	Phonetics for Singers (MUS 241)—MUEV	
PED 371	Instrumental Pedagogy and Repertoire (MUS 326)—MUEI	

PED 381	Band Pageantry (MUS 329)—MUEI	
PED 391	Vocal Pedagogy and Repertoire (MUS 325)—MUEV	
PED 222	School Health Care	1
PED 475	Student Teaching: Elementary	5
PED 495	Student Teaching: 10-12	5

Professional Education Total 33

Degree Total 138.5

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. Transfer students must take at least nine of the hours at ORU.

Area	Credits
Music Theory	3-8
MUS 100	Fundamentals of Music (3 hrs.)
MUS 101/103	Harmony I/Sight Singing (4 hrs.)
MUS 102/104	Harmony II/Sight Singing (4 hrs.)
Music History/Literature	3-8
MUS 205	History and Literature of Music I (4 hrs.)
MUS 206	History and Literature of Music II (4 hrs.)
MUS 300	Music Appreciation (3 hrs.)

Applied Music	3-5
MUS 001-024	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.)

Performance Groups	3-5
MUS 061-087	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),

Music Seminar	2
MUS 099	Music Seminar (.5 hr.)

Electives	0-6
MUS 105	Introduction to Music Technology (1 hr.)
MUS 208	Music in World Cultures (3 hrs.)
MUS 241	Phonetics for Singers (1 hr.)
MUS 242	Diction for Singers (2 hrs.)
MUS 310	Adv. Studies in Music Technology (3 hrs.)
MUS 313	Sequencing and Digital Audio (3 hrs.)
MUS 315	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.)

Minor Total 18

Music Technology Minor (MUT)

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

Area	Credit Hours
Music Theory	3-8
MUS 100	Fundamentals of Music (3 hrs.)
MUS 101/103	Harmony I/Sight Singing (4 hrs.)
MUS 102/104	Harmony II/Sight Singing (4 hrs.)
Music History/Literature	3-8
MUS 205	History and Literature of Music I (4 hrs.)
MUS 206	History and Literature of Music II (4 hrs.)
MUS 300	Music Appreciation (3 hrs.)

Applied Music	3-5
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.)

Music and Music Technology Electives	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.)

Music Seminar	2
MUS 099	Music Seminar (.5 hr.)

Electives	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/Liturgies in Christian Worship (3 hrs.)
MUS 455	Sacred Choral 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 prophetic leadership. Noted worship leaders participate in a Saturday module 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	3

	Charismatic/Evangelical Church	
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 025-049	Applied Music (piano, voice, or guitar recommended) (1 hr.)	
MUS 061-089	Performance Groups (Laboratory)	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.

Music

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 university." 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.

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 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. Therefore, courses in theological and historical studies seek to give students a comprehension of the Christian past and an understanding of the theological dimensions of the Christian faith and its contemporary expressions. "Always be ready to give a defense to everyone who asks you a reason for the hope that is within you . . ." (1 Peter 3:15). This view is essential not only for students who major in this field but also for other theology majors in which cognate theological/historical classes are required. The theological-historical major is the only major in this area. Students with this major need to choose one of the two emphases offered—Christian philosophy or theology and church history—and also take the corresponding cognate.

ENGLISH BIBLE MAJOR (BLE)

Bachelor of Arts

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

General Education	Credit Hours
English (ENG 101, 305)	6
Foreign Language (2 semesters including 203)	6

American History (HIS 101)	3	MGT 352 Organizational Behavior	3	THE 303 Major Religions of the World	3
American Government (GOV 101)	3	MGT 465 Administration of Non-Profit Organizations	3	CHRM Electives	9
Social Sciences Elective (Choice of one of the following: PSY 201, SOC 101, SOC 201, BUS 101, FIN 244, SOC 323, SWK 202, MUS 208)	3	CHRM 398 Ministry Practicum	3	<i>Choice of one of the two following courses:</i>	3
		CHRM Electives	12	CHRM 333 Spiritual Warfare and the Practices of Ministry	
				CHRM 399 Signs and Wonders	
Health, Physical Education, and Recreation (Health Fitness I and II, swimming course or proficiency, six electives)	5	Concentration Total	27	Concentration Total	27
General Education Total	61	Cognate		Cognate	
Major		BIB 306 Hermeneutics	3	BIB 306 Hermeneutics	3
CHRM 499 Senior Paper	3	BIB Old Testament elective	3	BIB Old Testament elective	3
CHRM Concentration*	27	BIB New Testament elective	3	BIB New Testament elective	3
Major Total	30	THE 217 Research Seminar	3	MISS 333 Theology of Missions	3
		THE 401 Christian Ethics	3	THE 217 Research Seminar	3
		<i>Choice of one of the two following courses:</i>	3	THE 401 Christian Ethics	3
		CHRM 333 Spiritual Warfare and the Practices of Ministry		Cognate Total	18
		CHRM 399 Signs and Wonders			

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

■ 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 303 Curriculum of Christian Education	3
CHRM 304 Education Ministries of the Church	3
CHRM 305 Teaching the Bible	3
CHRM 317 Introduction to Youth Ministry	3
CHRM 402 Discipleship and Small Groups	3
CHRM 456 Children's Ministry	3
CHRM Electives	9
Concentration Total	27

Cognate

BIB 306 Hermeneutics	3
BIB Old Testament elective	3
BIB New Testament elective	3
THE 217 Research Seminar	3
THE 313 Systematic Theology I	3
THE 401 Christian Ethics	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
MGT 130 Principles of Management	3

■ 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 Electives	9
<i>Choice of one of the two following courses:</i>	3
CHRM 333 Spiritual Warfare and the Practices of Ministry	
CHRM 399 Signs and Wonders	
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 397 Missions Internship	3

■ 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 Electives	6
<i>Choice of one of the two following courses:</i>	3
CHRM 333 Spiritual Warfare and the Practices of Ministry	
CHRM 399 Signs and Wonders	
Concentration Total	27

Cognate

BIB 306 Hermeneutics	3
BIB Old Testament elective	3
BIB New Testament elective	3
THE 217 Research Seminar	3
THE 401 Christian Ethics	3
THE 461 Hist. of Christianity I: Early Church	3
Cognate Total	18

■ Pastoral Care Concentration (PC)

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

Concentration

CHRM 203	Foundational Approaches to Pastoral Care	3
CHRM 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 four of the following courses:</i>		12
CHRM 305	Teaching the Bible	
CHRM 307	Missions among the Poor	
CHRM 310	Youth Culture and Faith Development	
CHRM 333	Spiritual Warfare and the Practices of Ministry	
CHRM 399	Signs and Wonders	
CHRM 402	Discipleship and Small Groups	
CHRM 422	Advanced Seminar in Pastoral Care	
THE 473	Theology and Philosophy in Modern Culture	
SOC 201	Marriage and the Family	
SOC 420	Minority Group Relations	

Concentration Total 27

Cognate

BIB 306	Hermeneutics	3
BIB	Old Testament elective	3
BIB	New Testament elective	3
THE 217	Research Seminar	3
THE 401	Christian Ethics	3
THE 461	Hist. of Christianity I: Early Church	3

Cognate Total 18

■ Youth Ministry Concentration (YMIN)

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

Concentration

CHRM 310	Youth Culture	3
CHRM 317	Introduction to Youth Ministry	3
CHRM 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
<i>Choice of one of the two following courses:</i>		3
CHRM 333	Spiritual Warfare and the Practices of Ministry	
CHRM 399	Signs and Wonders	

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

Minor 18

Electives 0-1

Degree Total 128

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

	Credit Hours
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, or 401)	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 101, SOC 323, SWK 202, MUS 208,	3
Health, Physical Education, and Recreation (Health Fitness I and II, swimming course or proficiency, six electives)	5

General Education Total 61

Major

THE 302	Introduction to Philosophy	3
THE 499	Senior Paper	3
THE	Concentration*	24

Major Total 30

*Note: 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	9

Concentration Total 24

Cognate

BIB 306	Hermeneutics	3
BIB	Old Testament elective	3

BIB	New Testament elective	3
CHRM 305	Teaching the Bible	3
THE 217	Research Seminar	3
<i>Choice of one of the following two courses:</i>		3
CHRM 333	Spiritual Warfare and the Practices of Ministry	
CHRM 399	Signs and Wonders	

Cognate Total 18

■ Christian Philosophy Concentration (PHIL)

The Christian philosophy concentration provides the student with the history, analysis, and evaluation of the various philosophies and philosophers, ancient and contemporary, that most affect Christian life and thought. Students become aware and conversant with the many streams of philosophical thought that people of the world have adopted, and they learn to develop a sufficient Christian response to each one.

Concentration

THE 401	Christian Ethics	3
THE 415	Christian Apologetics	3
THE 470	Philosophy of Religion	3
THE 473	Theology and Philosophy in Modern Culture	3

Choice of four of the following courses: 12

BIO 456	Contemporary Issues	
CHRM 300	History and Philosophy of Christian Education	
CHRM 398	Ministry Practicum	
ENG	One of the literary period courses	
ENG 450	Literary Criticism	
FRE 407	Age of the Philosophers	
GER 305	German Civilization and Culture	
GOV 331	Western Political Theory	
HIS 333	Early Modern Europe	
HIS 347	U.S. Social and Intellectual History	
HUM 490	Integrative Seminar	
MISS 397	Mission Internship	
PSY 354	History and Systems of Psychology	
THE 314	Systematic Theology II	
THE 462	History of Christianity II: Medieval	
THE 463	History of Christianity III: Reformation to the Present	

Concentration Total 24

Cognate

BIB 306	Hermeneutics	3
CHRM 305	Teaching the Bible	3
CHRM 399	Signs and Wonders	3
THE 217	Research Seminar	3
THE 313	Systematic Theology I	3
THE 461	History of Christianity I: Early Church	3

Cognate Total 18

Minor 18

Elective 1

Degree Total 128

English Bible Minor (BLE)

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

BIB 306	Hermeneutics	3
BIB	Electives*	15
Minor Total		18

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

Note: If a student takes Biblical Greek or Hebrew to fulfill the BIB electives, both semesters of elementary Greek or Hebrew must be taken in order to count toward the minor.

Old Testament Minor (BLO)

This minor is designed for students who are not Biblical literature majors. However, students pursuing a major within the Theology Department and wanting to minor in Old Testament need to have their programs approved by the department. Requirements for the Old Testament minor vary according to the major; however, the following courses must be included in either the major or in the Old Testament minor.

BIB 306	Hermeneutics	3
BIB 311	Biblical Hebrew I	3
BIB 312	Biblical Hebrew II	3
BIB 319	Hebrew Exegesis	3
BIB	Electives in Old Testament	6
Minor Total		18

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	Electives in New Testament	6
BIB 351	Greek Exegesis I	3
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 312	Biblical Hebrew II	
BIB 252	Biblical Greek 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 303	Curriculum of Christian Education	3
CHRM 304	Educational Ministries of the Church	3
CHRM 305	Teaching the Bible	3
CHRM 402	Discipleship and Small Groups	3
<i>Choice of two of the following courses:</i>		6
MISS 397	Missions Internship	
CHRM 300	History/Philosophy of Christian Education	
CHRM 317	Introduction to Youth Ministry	
CHRM 398	Ministry Practicum	
CHRM 456	Children's Ministries	
Minor Total		18

Church Administration Minor (CHAD)

MISS 404	Church Growth and Planting	3
CHRM 302	Christian Leadership	3
CHRM 460	Church Administration	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)

BIB 306	Hermeneutics	3
CHRM 335	Introduction to Evangelism	3
CHRM 340	Sermon Preparation/Preaching	3
CHRM 430	Evangelism and the Local Church	3
<i>Choice of two of the following courses:</i>		6
MISS 404	Church Growth and Planting	
CHRM 307	Missions Among the Poor	
CHRM 317	Introduction to Youth Ministry	
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 309	Missions and Culture	3
MISS 325	Introduction to Christian Missions	3
MISS 300	History of Missions	3
THE 303	Major Religions of the World	3
<i>Choice of two of the following courses:</i>		6
CHRM 307	Missions Among the Poor	
CHRM 402	Discipleship and Small Groups	
MISS 397	Missions Internship	
MISS 404	Church Growth and Planting	
MISS 333	Theology of Missions	
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>		3
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 462	History of Christianity II: Medieval Church	3
THE	Elective	3
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:

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.

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 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
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9	CHRM 208	Whole Person Healing/Healing School
	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 306	Philosophy of Science
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.....Associate 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.

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. The business education with secondary school teaching licensure is being phased out, so no new students are being accepted into this program.

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.

General Education	Credit Hours
English (ENG 101, 305)	6
Oral Communication (COM 101)	3
Humanities (HUM 111, 112, 213, 214)	12
Biblical Literature (BLIT 110, 120)	6
Theology (THE 103)	3
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
General Education Total	55

Major

ACT 215	Principles of Financial Accounting I	3
ACT 216	Principles of Financial and	3

Managerial Accounting II		
ACT 320	Quantitative Analysis	3
BUS 325	Business Law I	3
MKT 130	Principles of Marketing	3
MGT 130	Principles of Management	3
MGT 431	Strategic Management	3
FIN 338	Financial Management	3
BUS 326	Business Law II	3
BUS 499	Seminar and Senior Paper	3

Major Total 30

Cognate

BUS 099	Business Seminar	0
BUS 099	Business Seminar	0
BUS 101	Principles of Economics I	3
BUS 102	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.

General Education	Credit Hours
English (ENG 101, 305)	6
Oral Communication (COM 101)	3
Humanities (HUM 111, 112, 213, 214)	12
Biblical Literature (BLIT 110, 120)	6
Theology (THE 103)	3
Laboratory Science	8
Mathematics (MAT 232)	3
American History (HIS 101)	3
American Government (GOV 101)	3
Social Sciences Elective (Choice of one of the following: PSY 201, SWK 202, SOC 101, SOC 201, SOC 323, MUS 208)	3
Health, Physical Education, and Recreation (Health Fitness I and II, swimming course or proficiency, six electives)	5
General Education Total	55

Major

ACT 215	Principles of Financial Accounting I	3
ACT 216	Principles of Financial and 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	ACT 442	Federal Income Tax Accounting	3	Laboratory Science	8	
<i>Choice of two of the following courses:</i>			6	BUS 499	Seminar and Senior Paper	3	Mathematics (MAT 232)	3
ACT 435	Accounting Information Systems		FIN 244	Personal Financial Planning	3	American History (HIS 101)	3	
ACT 443	Advanced Tax Accounting		FIN 338	Financial Management	3	American Government (GOV 101)	3	
ACT 462	Advanced Accounting I		FIN 418	Investments	3	Social Sciences Elective (Choice of one	3	
ACT 463	Advanced Accounting II		FIN 438	Advanced Financial Management	3	of the following: PSY 201,		
ACT 471	Estate and Gift Taxation		<i>Choice of two of the following courses:</i>			6	SWK 202, SOC 101, SOC 201,	
Major Total			30	ACT 432	Managerial Cost Accounting		MUS 208, SOC 323)	
General Business Concentration				ACT 443	Advanced Tax Accounting		Health, Physical Education, and Recreation	
MKT 130	Principles of Marketing	3	ACT 471	Estate and Gift Taxation			(Health Fitness I and II, swimming	
MGT 130	Principles of Management	3	MGT 351	Risk Management			course or proficiency, six electives)	
MGT 431	Strategic Management	3	MGT 384	Real Estate Management		General Education Total		
BUS 325	Business Law I	3	FIN 303	Money and Banking Finance			55	
BUS 326	Business Law II	3	FIN 428	Bank Management		Major		
BUS 499	Seminar and Senior Paper	3	FIN 452	Corporate Financial Decision-Making		ACT 215	Principles of Financial Accounting I	
Concentration Total			18	FIN 460	International Finance	ACT 216	Principles of Financial and	
				FIN 472	Principles of Estate Planning		Managerial Accounting II	
				Major Total			30	
				General Business Concentration				
				ACT 215	Principles of Financial Accounting I	3	ACT 320	Quantitative Analysis
				ACT 216	Principles of Financial and	3	FIN 338	Financial Management
				Managerial Accounting II			MKT 130	Principles of Marketing
				BUS 325	Business Law I	3	MKT 361	International Marketing
				BUS 326	Business Law II	3	MGT 130	Principles of Management
				MGT 130	Principles of Management	3	MGT 431	Strategic Management
				MGT 431	Strategic Management	3	BUS 361	International Business
							BUS 499	Seminar and Senior Paper
							Major Total	
								30
							Cognate	
				BUS 099	Business Seminar	0	BUS 099	Business Seminar
				BUS 099	Business Seminar	0	BUS 099	Business Seminar

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.

General Education	Credit Hours
English (ENG 101, 305)	6
Oral Communication (COM 101)	3
Humanities (HUM 111, 112, 213, 214)	12
Biblical Literature (BLIT 110, 120)	6
Theology (THE 103)	3
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
General Education	55
Major	
ACT 327 Intermediate Accounting I	3
ACT 328 Intermediate Accounting II	3

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 language (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.

General Education	Credit Hours
English (ENG 101, 305)	6
Oral Communication (COM 101)	3
Humanities (HUM 111, 112, 213, 214)	12
Biblical Literature (BLIT 110, 120)	6
Theology (THE 103)	3

Note: 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.

General Education	Credit Hours
English (ENG 101, 305)	6
Oral Communication (COM 101)	3
Humanities (HUM 111, 112, 213, 214)	12
Biblical Literature (BLIT 110, 120)	6
Theology (THE 103)	3
Laboratory Science	8
Mathematics (MAT 232)	3
American History (HIS 101)	3
American Government (GOV 101)	3
Social Sciences Elective (Choice of one of the following: PSY 201, SWK 202, SOC 101, SOC 201, MUS 208, SOC 323)	3
Health, Physical Education, and Recreation (Health Fitness I and II, swimming course or proficiency, six electives)	5
General Education Total	55

Major	
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	
FIN 428 Bank Management	
MGT 333 Supply Chain Management	
MGT 351 Risk Management	
MGT 353 Human Resource Management	
MGT 384 Real Estate Management	
MGT 421 Entrepreneurship	
MGT 422 Small Business Basics	
MGT 443 Executive Development	
MGT 451 Management Internship	
MGT 461 Conflict Resolution	
MGT 465 Administration of Nonprofit Organizations	
Major Total	30

General Business Concentration	
MKT 130 Principles of Marketing	3
ACT 215 Financial Accounting I	3

ACT 216 Financial and Managerial Accounting II	3
ACT 320 Quantitative Analysis	3
BUS 325 Business Law I	3
BUS 326 Business Law II	3

Concentration Total 18

Cognate	
BUS 099 Business Seminar	0
BUS 099 Business Seminar	0
BUS 101 Principles of Economics I	3
BUS 102 Principles of Economics II	3
CSC 112 Microcomputing Applications in Business	3
FIN 244 Personal Financial Planning	3

Cognate Total 12
Electives 13

Degree Total 128

MANAGEMENT INFORMATION SYSTEMS MAJOR (MIS)

Bachelor of Science

The management information systems major provides a broad background in business combined with a concentration in the field of computer 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.

General Education	Credit Hours
English (ENG 101, 305)	6
Oral Communication (COM 101)	3
Humanities (HUM 111, 112, 213, 214)	12
Biblical Literature (BLIT 110, 120)	6
Theology (THE 103)	3
Laboratory Science	8
Mathematics (MAT 232)	3
American History (HIS 101)	3
American Government (GOV 101)	3
Social Sciences Elective (Choice of one of the following: PSY 201, SWK 202, SOC 101, SOC 201, MUS 208, SOC 323, FIN 244)	3
Health, Physical Education, and Recreation (Health Fitness I and II, swimming course or proficiency, six electives)	5
General Education Total	55

Major	
ACT 435 Accounting Information Systems	3
ACT 432 Managerial Cost Accounting	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
MGT341 Business Communications	3
BUS 499 Seminar and Senior Paper	3

Major Total 30

General Business Concentration	
MGT 130 Principles of Management	3
MGT 431 Strategic Management	3
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

Concentration Total 18

Business Cognate	
BUS 099 Business Seminar	0
BUS 099 Business Seminar	0
BUS 101 Principles of Economics I	3
BUS 102 Principles of Economics II	3
MKT 130 Principles of Marketing	3

Business Cognate Total 9

Computer Science Cognate	
CSC 111 Introduction to Computing	3
CSC 112 Microcomputing Applications in Business	3
CSC 255 Data Structures	3
CSC 460 Object-Oriented Design	3

Computer Cognate Total 12
Electives 4

Degree Total 128

MARKETING MAJOR (MKT)

Bachelor of Science

The marketing major prepares a student for entry-level positions in marketing. Specialization in marketing gives the student the depth needed to understand and be productive in a marketing-oriented economy. The basic courses offered cover the field of marketing in some breadth and also provide the background necessary for additional study of marketing at the graduate level. The marketing major is encouraged to enroll in the five-year professional program culminating in the M.B.A.

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

General Education Total 55

Major

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

Major Total 30

General Business Concentration

ACT 215	Principles of Financial Accounting I	3
ACT 216	Principles of Financial and Managerial Accounting II	3
MGT 130	Principles of Management	3
MGT 431	Strategic Management	3
BUS 325	Business Law I	3
BUS 326	Business Law II	3
FIN 338	Financial Management	3

Concentration Total 21

Cognate

BUS 099	Business Seminar	0
BUS 099	Business Seminar	0
BUS 101	Principles of Economics I	3
BUS 102	Principles of Economics II	3
ACT 320	Quantitative Analysis (with marketing applications)	3
CSC 112	Microcomputing Applications in Business	3
FIN 244	Personal Financial Planning	3

Cognate Total 15

Electives 7

Degree Total 128

BUSINESS EDUCATION MAJOR (BUE) with Secondary School Teaching Licensure Bachelor of Science

The business education major is designed for students seeking teacher certification in secondary schools. Satisfactory completion of the prescribed courses of study will prepare students to teach business subjects at the secondary level. Balance and depth in student development are provided by the inclusion of courses in many areas of business.

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

This major is being phased out, so no new students are being accepted into this program. Students currently in this major need to complete all degree requirements by the end of the spring semester of 2004.

General Education

English (ENG 101, 305)	Credit Hours	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 (lecture and lab)	4
Mathematics (MAT 232)	3
American History (HIS 101)	3
American Government (GOV 101)	3
Finance (FIN 244)	3
Health, Physical Education, and Recreation (Health Fitness I and II, Basic First Aid/CPR, swimming course or proficiency, and electives)	4.5
Foreign Language Proficiency PRF 001 (exam or 102 level of a foreign language class)	0

General Education Total 54.5

Major

ACT 215	Principles of Financial Accounting I	3
ACT 216	Principles of Financial and Managerial Accounting II	3
BUS 101	Principles of Economics I	3
BUS 102	Principles of Economics II	3
BUS 325	Business Law I	3
BUS 326	Business Law II	3
	Keyboarding II*	3
MGT 130	Principles of Management	3
MGT 341	Business Communications	3
CSC 112	Microcomputing Applications in Business	3
MIS 212	Advanced Business Microcomputers Desktop Publishing*	3
	Choice of one of the following two courses:	3
MKT 130	Principles of Marketing	
ACT 327	Intermediate Accounting I	

Major Total 39

*This course must be transferred in.

Professional Education

PED 100	Education Seminar	
PED 121	Field Based Experience/Practicum (Secondary)	1
PED 203	Foundations and Methods of Education	3
PED 222	Health Care for Education Majors	2
PED 313	Human Growth and Development	3
PED 353	Exceptional Individuals	3
PED 361	Professional Education Seminar/Portfolio	1
PED 363	Educational Technology	3
PED 372	Classroom Management (Secondary)	2
PED 373	Community Relations, Cultural Issues, and Educational Law	3
PED 382	Educational Assessment	2
PED 426	Secondary Methods: Business	3
PED 485	Intern/Student Teaching: 7-9	5
PED 495	Intern/Student Teaching: 10-12	5

Professional Education Total 36

Degree Total 129.5

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 101	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

Minor Total 18

*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
	Choice of two from the following courses:	6
ACT 216	Principles of Financial and 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	

Minor Total 18

Business Language Minor (BUSL)

This minor is open to majors in business administration only. The business language minor (French, German, or Spanish) provides the student with skills in the language with particular emphasis 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 knowledge of another language as it relates to business.

Courses must be in the same language. Requirements for the business language minor include the following:

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
Choice of one of the following courses:	3
FRE, GER, SPA, HEB 219 Travel Study	
FRE, GER, SPA, HEB 301 Phonetics/Conversation	
FRE, GER, SPA, HEB302 Composition	
FRE, GER, SPA, HEB 303 Survey of Literature I	
FRE, GER, SPA, HEB 304 Survey of Literature II	
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. The Modern Foreign Language Department has more information.

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 Financial and 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 101	Principles of Economics I (Macroeconomics)
BUS 102	Principles of Economics II (Microeconomics)
BUS 325	Business Law I
BUS 326	Business Law II
BUS 361	International Business
BUS 451	Business Administration Internship
BUS 499	Seminar and 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 Bank 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

Management Information Systems

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

Marketing

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

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 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.

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 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 in accounting, finance, international business, management, or marketing. Any student pursuing one of these concentrations needs to take six hours in the area of concentration and consult with an advisor. ORU anticipates that full-time students with an undergraduate degree in business should be able to complete their M.B.A. within three semesters; students without academic training in business should be able to complete their degree in two years.

Leveling Courses*	Credit Hours
BUS 101 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
Leveling Courses Total	24

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

ORU Distinctive Courses	Credit Hours
GTHE 507 Holy Spirit in the Now	2
GHPE 503 Graduate Health Fitness*	1
Choice of two of the following:	1
GHPE 515 Graduate Aerobics (.5)	
GHPE 525 Graduate Walk for Fitness (.5)	
HPER Electives (.5)	
ORU Distinctives Total	4

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

M.B.A. Managerial Courses	Credit Hours
GMGT 561 Management/Organization Theory	3
GACT 562 Accounting	3
GFIN 563 Finance	3
GMKT 564 Marketing Management	3
GBUS 565 Strategic Management Policy	3
GBUS 566 Simulation	1
GBUS 572 Business Ethics	2
GBUS 573 Business, Government, and Society	2

GBUS 582 Economic Theory	3
GBUS 585 Computer Applications	3
GBUS 598 Research Methodology	3
GBUS Business elective	3
M.B.A. Total	32
Degree Total	36

Concentrations

Five optional concentrations are available to MBA students. Any interested student may complete one of the following by taking six hours in the concentration. 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 an 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.

ORU Distinctive Courses	Credit Hours
GTHE 507 Holy Spirit in the Now	2
GHPE 503 Graduate Health Fitness*	1
Choice of two of the following:	1
GHPE 515 Graduate Aerobics (.5)	
GHPE 525 Graduate Walk for Fitness (.5)	
HPER Activity course (.5)	
ORU Distinctives Total	4

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

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 Policy	2
GBUS 572 Business Ethics	2
GBUS 573 Business, Government, and Society	2
GMGT 560 Conflict Resolution	2

Core Total 21

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

Human Resource Concentration Total 10

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

Nonprofit Concentration Total 12

Degree Total 35-37

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 1250, and scholarships range from \$600 to \$1200 per semester. Students need to contact the Adult Learning Service Center (ALSC) for more information.

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 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

Kim Boyd.....Assistant 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.

Duane Burritt.....Assistant Professor
B.A., University of West Florida, 1996; M.Ed., 1994; M.A., 1979; Ed.D., Jacksonville Theological Seminary, 1995.

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.

Darlene Gaskill.....Instructor
B.A., Northeastern Illinois University, 1974; M.A., Oral Roberts University, 2001.

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.

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

Pam Smucker.....Instructor
B.A., Oral Roberts University, 1983; M.A., 1999.

Jill E. Steeley.....Professor
B.S., Oklahoma State University, 1971; M.Ed., Northeastern State University, 1985; Ed.D., Oklahoma State University, 1992.

Graduate

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

Mark E. Hall.....Assistant Professor
B.S., University of Tulsa, 1983; M.A., 1985; Ed.D., 1991.

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.

Woodrow E. Norwood.....Professor
B.S., Northeastern State University, 1960; M.S., Oklahoma State University, 1964, Ed.D., University of Tulsa, 1986.

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.

Jeff Wetterman.....Instructor
B.A. University of Tulsa, 1990; M.A., Oral Roberts University, 1996.

Extended Faculty

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.

Margaret Sehorn.....Instructor of French
B.A., University of Southern California, 1968; M.A., 1970.

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

Bill Gordon.....Instructor of Health, Physical Education, and Recreation
B.S.E. John Brown University, 1982; M.Ed., University of Central Oklahoma, 1995.

Carole Lewandowski.....Assistant Professor of Communication Arts

B.A., Michigan State University, 1959; M.A., University of Tulsa, 1972.

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

Scott Quant.....Assistant Professor of Music
B.M.E., Oral Roberts University, 1988; M.M.E., University of Rochester, 1992; Ph.D., University of Arizona, 1999.

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

Emeriti Faculty

Dr. Mauldin Ray, 1965-1992

Institutional Standards

Education is the shaping of the whole person: spirit, mind, and body. At the center of the education program at ORU is the understanding that true wisdom and knowledge come from God. The Bible is God's inspired Word and is upheld as the standard and central point of reference. The School of Education prepares administrators; curriculum specialists; and teachers for public, private, and Christian schools.

The mission of the School of Education is to provide the opportunity for individuals who hold Christian principles to participate in advanced study in preparation for professional public and private responsibilities in the field of education throughout the world.

The following are institutional standards of the School of Education, adopted by the Academic Council 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 the 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.

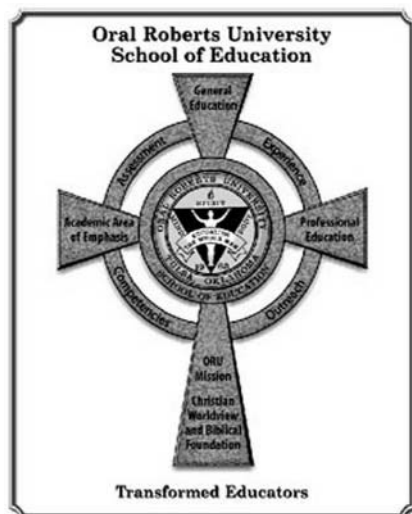
13. The candidate understands and uses a variety of instructional strategies to encourage students' development of critical thinking, problem solving, and performance skills.

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 the School of Business, 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.

Distance Programs. 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.

Specialized Education. 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 the three segments in such a way as to develop a student who is mentally alert, spiritually alive, and physically committed to achieve the high goals of a competent, dedicated teacher.

Professional Education Program

Every student who wishes to major or minor in education or obtain a teaching certificate must be admitted to the Professional Education Program (PEP). It is a prerequisite for taking all professional education courses except PED 111, PED 121, PED 203, PED 222, PED 224, and PED 353. Education majors must be admitted before they have completed 75 hours toward their education degrees.

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 that are accredited by the Oklahoma Commission for Teacher Preparation based on the review and recommendation of the Oklahoma Commission for Teacher Preparation in the following areas leading to the appropriate licensure:

Art Education Major—B.A.

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

Business Education Major—B.S.

With secondary school teaching licensure. (This program is being phased out and is not accepting any new students.)

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 Phase I of the Portfolio and review with content area Advisor.
- Pass the following courses and earn a "C" or above in each course:

Oral Communications (COM 101)
Reading and Writing in Liberal Arts (ENG 101)
Foundations/Methods of Education (PED 203)
Field-Base Experience (PED 111 or 121)

- Complete the application form before October 15 for fall semester or February 15 for spring semester 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 PEP 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, subject to approval by the Modern Foreign Languages Department.
- Complete foreign language through the Advanced Placement program prior to matriculation.
- Pass the foreign language CLEP test prior to matriculation.

Portfolio

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 a professional portfolio in which teacher candidates are asked to record, integrate, and reflect on their preservice experiences in the programs.

A portfolio is a set of materials that provides evidence of the individual's growth and development toward becoming a professional educator. 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 three phases. Phase I 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. Phase II is completed before making application for the Internship/Student Teaching experience. Phase III is completed before the exit interview after student teaching. The portfolio process is continually reviewed by the Faculty Senate; therefore, some of the phases may be revised in the future.

The portfolio is an assessment instrument to deter-

mine if the teacher candidate is meeting requirements and competencies as set by Oral Roberts University, the School of Education, and the Oklahoma Commission for Teacher Preparation. Advisors, School of Education faculty, and/or committees are responsible for reviewing and indicating by rubrics, written comments, the evaluations of each portfolio. The teacher candidate may be asked to further develop his or her portfolio at any of the evaluation points before progressing through the program.

Portfolio items are recommended or required in each course in the program. The teacher candidate will 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 listed above. After completing the program/degree, the candidate will 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.

Minors

Education Minors

The School of Education offers a minor in education with a required 18-hour minimum. To pursue the minor, a student must complete four hours of PED leveling courses that include Foundations and Methods of

Education and Field-Based Experience. These four hours are included in the 18 hours. In addition, the student must meet the remaining requirements for admission to the Professional Education Program (Students should see the admission requirements.) After the student is admitted to the Professional Education Program, he or she may take the remaining 14 hours for the minor in any combination of professional education classes and course work from elementary education, special education, or early childhood education, or all of the remaining hours may be done in professional education courses except the 10 hours of student teaching.

Disclaimer Statement. Students with a minor in education need to sign this statement:

I fully understand that if I minor in education and do not plan to complete the total program in Professional Education, the Director of Teacher Education at Oral Roberts University will not recommend me for certification to any state certification department. I also will not be recommended to take the State Certification Test(s).

Minors for Education Majors

Education majors are not required to declare a minor. However, if the teacher candidate desires to have a minor, he or she is encouraged to pursue one with the understanding that it may result in an extra semester or summer of course work. Teacher candidates should consider additional areas of certification when selecting a minor since the course work could be applicable to licensure. The advisor should be contacted for further information.

ELEMENTARY EDUCATION MAJOR (ELE) with Licensure

Bachelor of Science

This program is offered in two formats, either through on-campus courses or through distance and modular courses.

General Education	Credit Hours
English (ENG 101, 305)	6
Oral Communication (COM 101)	3
Humanities (HUM 111, 112, 213, 214)	12
Biblical Literature (BLIT 110, 120)	6
Theology (THE 103)	3
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* (On-campus students take Health Fitness I and II, Basic First Aid/CPR, swimming course or proficiency, five electives.)	4-4.5
(Distance students take Health Fitness I and II and Fitness for Life I and II.)	
PRF 001 Foreign Language Proficiency	
General Education Total (on-campus)	67.5
General Education Total (distance)	67

Major		
ELE 314	Reading and Language Arts	4
ELE 323	Children's Literature and the Library EC-8	3
ELE 342	Motor Learning, Games, and Activities Methods	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 373	Community Relations, Cultural Issues, and Education Law	3
Major Total		31

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 303	TESL Principles	3
PED 313	Human Growth and Development	3
PED 353	Exceptional Individuals with Practicum	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 475	Intern/Student Teaching: Elementary	10

Professional Education Total (on-campus) 33

Professional Education Total (distance) 34

Degree Total (on-campus) 128.5

Degree Total (distance) 129

*Students in the distance learning format take one semester of PED 103 instead of PED 100, which raises the professional education total by 1 credit hour.

SPECIAL EDUCATION MILD-MODERATE DISABILITIES MAJOR (SED)

with Licensure

Bachelor of Science

General Education	Credit Hours
English (ENG 101, 305)	6
Oral Communication (COM 101)	3
Sociology (SOC 323)	3
Humanities (HUM 111, 112, 213, 214)	12
Biblical Literature (BLIT 110, 120)	6
Theology (THE 103)	3
Biology (lecture and lab)	4
Physical Science (lecture and lab)	4
Geography (PSC 350 lecture and lab)	4

Mathematics (MAT 151, 221, 222, 232)	12
American History (HIS 101)	3
American Government (GOV 101)	3
Health, Physical Education, and Recreation (Health Fitness I and II, Basic First Aid/CPR, swimming course or proficiency, five electives)	4.5
PRF 001 Foreign Language Proficiency	

General Education Total 67.5

Major

SED 313	Assessment and Program Planning	3
SED 323	Parents and Families of Students with Special Needs	3
SED 351	Practicum: Elementary Methods for Mild-Moderate Disabilities	1
SED 352	Behavior Management Strategies	2
SED 353	Introduction to Special Education Mild-Moderate Disabilities	3
SED 361	Practicum: Secondary Methods for Mild-Moderate Disabilities	1
SED 363	Effective Instruction for Students with Mild-Moderate Disabilities	3
SED 371	Practicum: Behavior Management	1
SED 403	Methods, Strategies, and Techniques for Teaching Students with Mild Disabilities	3
SED 423	Issues, Trends, and Curriculum Modification in Special Education	3
ELE 344	Elementary Reading Methods with Practicum	4
ELE 403	Literacy Assessment with Practicum	3
ELE	Elective	3

Major Total 33

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	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 303	TESL Principles	3
PED 382	Educational Assessment	2
PED 475	Student Teaching: Elementary	5
PED 495	Student Teaching: Secondary	5

Professional Education Total 30

Degree Total 130.5

EARLY CHILDHOOD EDUCATION MAJOR (ECE) with Licensure

Bachelor of Science

General Education	Credit Hours
English (ENG 101, 305)	6
Sociology (SOC 323)	3
Oral Communication (COM 101)	3
Humanities (HUM 111, 112, 213, 214)	12

Biblical Literature (BLIT 110, 120)	6
Theology (THE 103)	3
Biology (lecture and lab)	4
Physical Science (lecture and lab)	4
Geography (PSC 350 lecture and lab)	4
Mathematics (MAT 151, 221, 222, 232)	12
American History (HIS 101)	3
American Government (GOV 101)	3
Health, Physical Education, and Recreation (Health Fitness I and II, Basic First Aid/CPR, swimming course or proficiency, five electives)	4.5
PRF 001 Foreign Language Proficiency	

General Education Total

67.5

Major

ELE 314 Reading and Language Arts	4
ELE 344 Elementary Reading Methods with Practicum	4
ELE 363 Mathematics Methods	3
ECE 203 Organizing the Early Childhood Program	3
ECE 213 Physical Development of the Young Child with Practicum	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
ECE 403 Childcare Administration and the School Law	3
PED 361 Professional Education Seminar/Portfolio	1

Major Total

30

Professional Education

PED 100 Education Seminar (every semester)	0
PED 111 Field-Based Experience/Practicum (Early Childhood)	1
PED 203 Foundations and Methods of Education	3
PED 313 Human Growth and Development	3
PED 353 Exceptional Individuals with Practicum	3
PED 363 Educational Technology	3
PED 372 Classroom Management and Educational Law	3
PED 382 Educational Assessment	2
PED 465 Intern/Student Teaching: Early Childhood	5
PED 475 Intern/Student Teaching: Elementary	5

Professional Education Total

27

Degree Total

124.5

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.

General Education

Credit Hours

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

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:	6
ACT 327 Intermediate Accounting I	
ACT 328 Intermediate Accounting II	
ACT 432 Managerial Cost Accounting	
ACT 442 Federal Income Tax Accounting	
BUS 101 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 School of Education.

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

HEART Total

18

*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
Choice of two courses from the following:	6
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 School of Education.

Elective	1
Degree Total	128

Early Childhood Education Minor (ECE)

This minor is open only to teacher candidates in elementary education wishing to certify in more than one area.

ECE 203	Organizing the Early Childhood Program	3
ECE 213	Physical Development of the Young Child	3
ECE 303	Symbol Development and Creativity of the Young Child	3
ECE 313	Psychosocial Development of the Young Child	3
ECE 323	Cognitive Development of the Young Child	3
ECE 403	Childcare Administration and Law	3
Minor Total		18

Special Education Minor (SED)

This minor is open only to teacher candidates in elementary education wishing to certify in more than one area.

SED 313	Assessment and Progressive Planning	3
SED 323	Parents and Family of Students with Special Needs	3
SED 352	Behavior Management Strategies	2
SED 353	Introduction to Special Education (Mild-Moderate Disabilities)	3
SED 363	Effective Instruction for Students with Mild-Moderate Disabilities	3
SED 423	Issues, Trends, and Curriculum Modification	3
Choice of one of the following:		1
SED 351	Practicum: Elementary Methods for Students with Mild-Moderate Disabilities	
SED 323	Practicum: Secondary Methods for Mild-Moderate Disabilities	
Minor Total		18

Education Minor (EDU)

The minor in education 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 213	Physical Development of the Young Child
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 and the School Law

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, Drama)
ELE 344	Elementary Reading Methods with Practicum
ELE 364	Mathematics Methods
ELE 383	Science Methods
ELE 393	Social Studies Methods
ELE 403	Literacy Assessment and Clinical Experience
ELE 490	Research in Elementary Education

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 201	Phonetics for Singers
PED 203	Foundations and Methods of Education
PED 204	Foundations and Philosophy of Education
PED 222	School Health Care
PED 303	TESL Principles
PED 313	Human Growth and Development
PED 353	Exceptional Individuals
PED 361	Professional Education Seminar/Portfolio
PED 363	Educational Technology
PED 371	Instrumental Pedagogy and Repertoire

PED 372	Classroom Management and Educational Law
PED 381	Band Pageantry
PED 382	Educational Assessment
PED 391	Vocal Pedagogy and Repertoire
PED 392	HPER Evaluation
PED 404	Seminar in Education
PED 426	Secondary Methods: Business
PED 427	Secondary Methods: Communications Arts
PED 428	Secondary Methods: Mathematics
PED 429	Secondary Methods: Science
PED 430	Secondary Methods: Social Studies
PED 433	Elementary Music Methods and Evaluation
PED 442	Secondary Music Methods and Evaluation
PED 452	Health and Physical Education Methods
PED 456	Secondary Art Methods and Evaluation
PED 457	Methods: Modern Foreign Language
PED 458	Secondary Methods: Composition
PED 459	Secondary Methods: Literature
PED 462	Elementary Art Methods and Evaluation
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
Special Education	
SED 102	American Sign Language for Educators
SED 313	Assessment and Program Planning
SED 323	Parents and Families of Students with Special Needs
SED 351	Practicum: Elementary Methods for Students with Mild-Moderate Disabilities
SED 352	Behavior Management Strategies
SED 353	Introduction to Special Education—Mild-Moderate Disabilities
SED 361	Practicum: Secondary Methods for Students with Mild-Moderate Disabilities
SED 363	Effective Instruction for Students with Mild-Moderate Disabilities
SED 371	Practicum: Behavior Management
SED 403	Methods, Strategies, and Techniques for Teaching Students with Mild-Moderate Disabilities
SED 423	Issues, Trends, and Curriculum Modification in Special Education

Graduate Education

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 applicable 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 or above 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.

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

ORU Distinctives Total 3.5

*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.

Professional Education

GPED 513	Human Growth and Development	3
GPED 503	TESL Principles	3
GPED 553	Exceptional Individuals	3
GPED 563	Educational Technology	3
GPED 572	Classroom Management and Educational Law	3
GPED 571	Professional Education Seminar/Portfolio	1
GPED 593	Evaluation for Administrators	3
<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.)	
<i>Choice of eight hours from the following courses:</i>		8
GPED 503	History and Philosophy of Education (3 hrs.)	
GPED 683	Educational Research Design (3 hrs.)	
GPED 690	Directed Study (2 hrs.)	
GPED 693	Thesis (3 hrs.)	
GPED 733	School Law/Legal Issues in Education (3 hrs.)	
GCSE 533	Survey of Christian School Curriculum (3 hrs.)	
GPED 753	Curriculum/Instructional Design and School Services (3 hrs.)	
GCSE 643	Issues in Education (3 hrs.)	
GPED 502	School Health Care	1
<i>Choice of appropriate methods classes:*</i>		2-6
GPED 626	Secondary Methods: Business (3 hrs.)	
GPED 627	Secondary Methods: Communication Arts (3 hrs.)	
GPED 628	Secondary Methods: Mathematics (3 hrs.)	
GPED 629	Secondary Methods: Science (3 hrs.)	
GPED 630	Secondary Methods: Social Studies (2 hrs.)	
GPED 633	Elementary Methods: Music (3 hrs.)	
GPED 642	Secondary Methods: Music (2 hrs.)	
GPED 657	Modern Foreign Language Methods (3 hrs.)	
GPED 658	Secondary Methods: Composition (2 hrs.)	
GPED 659	Secondary Methods: Literature (2 hrs.)	
GPED 662	Elementary Methods: Art (3 hrs.)	

Professional Education Total 40-44

Degree Total 43.5-47.5

*Students pursuing licensure in music, art, foreign language, or language arts/English need to take two methods courses.

SCHOOL CURRICULUM DEVELOPMENT (CSCD)

Master of Arts

This program is designed for the college graduate interested in acquiring professional skills in curriculum development. Students receive training in critical assessment of curricula, as well as skill in the development of new curricula to meet particular educational needs.

ORU Distinctive Courses	Credit Hours
GTHE 507 Holy Spirit in the Now	2

GHPE 503*	Graduate Health Fitness	1
<i>Choice of one of the following:</i>		.5
GHPE 515	Graduate Aerobics	
GHPE 525	Graduate Walk for Fitness	
HPER	Activities course	

ORU Distinctives Total 3.5

*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.

Professional Education

GPED 503	History and Philosophy of Education	3
GPED 593	Evaluation for Administrators	3
GPED 683	Educational Research Design	3
GPED 690	Directed Study	3
GPED 835	Advanced Theories of Learning and Brain Research	3

Professional Education Total 15

Curriculum Specialization

GCSE 533	Survey of Christian School Curriculum	3
GCSE 643	Issues in Education	3
GCSE 673	Internship (Curriculum)	3
GCSE 713	Educational Leadership and Supervision	3
GPED 753	Curriculum/Instructional Design and School Services	3

Choice of three hours of the following courses: 3

GCSE 603	Guidance and Counseling in Christian Schools (3 hrs.)	
GCSE 613	Organization and Administration of Christian Schools (3 hrs.)	
GPED 553	Exceptional Individuals (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 36.5

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.

ORU Distinctive Courses

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	Activities course	

ORU Distinctives Total 3.5

*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.

Professional Education

GPED 503	History and Philosophy of Education*	3
GPED 683	Educational Research Design	3
GPED 723	School Finance	3
GPED 733	School Law/Legal Issues in Education	3
GPED 753	Curriculum/Instructional Design and School Services	3

Professional Education Total 15

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

■ Christian/Private School Administration Concentration

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	

Christian School Concentration Total 18

**Note: 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	
Public School Concentration Total		18
Degree Total		36.5

POSTSECONDARY SCHOOL ADMINISTRATION (CPSA)

Master of Arts

This program is designed for students who desire studies in the administration of post-secondary private schools, such as Bible schools or Bible institutes.

ORU Distinctive Courses	Credit Hours
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 Activities course	.5
ORU Distinctives Total	3.5

*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.

Professional Education

GPED 503	History and Philosophy of Education	3
GPED 593	Evaluation for Administrators	3
GPED 683	Educational Research Design	3
GCSE 733	Characteristics of the Adult Learner	3
Professional Education Total		12

Administration Specialization

GPED 723	School Finance	3
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	
Administration Specialization Total		21
Degree Total		36.5

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.

ORU Distinctive Courses	Credit Hours
GTHE 507 Holy Spirit in the Now	2
GHPE 503* Graduate Health Fitness	1
Choice of one of the following:	.5
GHPE 515 Graduate Aerobics	
GHPE 525 Graduate Walk for Fitness	
HPER Activities course	
ORU Distinctives Total	3.5

*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.

Professional Education

GPED 503	History and Philosophy of Education	3
GPED 553	Exceptional Individuals	3
GECE 583	Directed Study	3
GPED 593	Evaluation for Administrators	3
Professional Education Total		12

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
Early Childhood Specialization Total		21

Degree Total 36.5

TEACHING ENGLISH AS A SECOND LANGUAGE (TESL)

Master of Arts

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

ORU Distinctive Courses	Credit Hours
GTHE 507 Holy Spirit in the Now	2
GHPE 503* Graduate Health Fitness I and II	1
Choice of one of the following:	.5
GHPE 515 Graduate Aerobics	
GHPE 525 Graduate Walk for Fitness	
HPER Activities course	
ORU Distinctives Total	3.5

*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.

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	

TESL Total 33
Degree Total 36.5

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 post-secondary 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.

Leveling Courses*	Credit Hours
GPED 583 Statistical Research Methods	3
GPED 683 Educational Research Design	3

Leveling Total 6

*Note: These courses do not count toward the degree total.

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

ORU Distinctives Total 4

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

Doctoral Core	Credit Hours
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

Doctoral Core Total 15

*These are leveling courses. Students having previously taken them may be exempt.

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

Dissertation Block Total 11.5

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

■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

Concentration Total 30

*Note: 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

Concentration Total 30

Degree Total 60.5

*Note: 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
Concentration Total	30
Degree Total	60

*Note: 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 Life Span	
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 School Health Care	
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 593 Evaluation for Administrators	
GPED 626 Secondary Methods: Business	
GPED 627 Secondary Methods: Communication Arts	
GPED 628 Secondary Methods: Mathematics	
GPED 629 Secondary Methods: Science	
GPED 630 Secondary Methods: Social Studies	
GPED 633 Elementary Music Methods	
GPED 642 Secondary Music Methods	
GPED 652 Health and Physical Education Methods	
GPED 656 Secondary Art Methods and Evaluation	
GPED 657 Methods: Modern Foreign Language	
GPED 658 Secondary Methods: Composition	
GPED 659 Secondary Methods: Literature	
GPED 662 Elementary Art Methods and Evaluation	
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 520 Minority Group Relations	
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 201). A candidate who (1) presents an academic record demonstrating that the student 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 201. 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 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

Guidelines for NCLEX candidates with a history of arrests/conviction/prior disciplinary action. Candidates for licensure in Oklahoma who (1) have been arrested or convicted of any offense, including a deferred sentence or expunged offense within the past five years; or (2) have ever had disciplinary action taken against another health-related license; (3) or have ever been judicially declared incompetent are required to notify the Oklahoma Board of Nursing prior to being approved to write the National Council Licensure Examination (NCLEX). Failure to report such action may be a violation of the Oklahoma Nursing Practice Act.

Effective November 1, 2001, all candidates for licensure must have submitted a criminal history records search conducted by the Oklahoma State Bureau of Investigation (OSBI) not less than three months old. [59 O.S. 567.5]

Effective November 1, 2003, an applicant for a license to practice as a registered nurse or licensed practical nurse shall submit to the Oklahoma Board of Nursing (OBN) certified written evidence that the applicant has never been convicted in this state, the United States, or another state of any felony, unless five years have elapsed since the date of the criminal conviction or the termination of any probation or other requirements imposed on the applicant by the sentencing court, whichever shall last occur, or a presidential or gubernatorial pardon for the criminal offense has been received. [59 O.S. 567.5]

Adherence to the following procedure will expedite processing the application:

1. Candidate submits the following information to the Oklahoma Board of Nursing at the beginning of the last semester/term of the program: (a) application for licensure and licensure fee; (b) letter describing circumstances of the offense, date, court action taken and current status; (c) OSBI criminal history search not more than three months old (requirement takes effect November 1, 2001); and (d) if applicable, certified copies of charges, judgment, and sentencing, and verification that the sentencing requirements are complete. (These documents may be obtained from the county courthouse in the county in which the arrest took place.)
2. After review of additional information in the OBN office, the candidate is notified of any additional action that must be taken prior to receiving approval to write the examination.
3. The candidate may be required to appear before the Oklahoma Board of Nursing to request permission to write the examination. If so, additional documentation may be requested, including the following: (a) an official transcript current to the date submitted; (b) letters of reference from clinical faculty and director/dean of the program; (c) reference letters from the probation officer, employer, and/or other professional references.
4. The candidate may not be eligible for licensure or endorsement to surrounding states due to individual states' restrictions.

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. Insofar as possible, the organizational rationale is the same as for other majors offered in the University. The basic 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
English (ENG 101, 305)

Credit Hours
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
General Education Total	55

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
Prerequisites Total	14

Professional Nursing Courses

NUR 200 Called to Care	1
NUR 202 Foundations of Nursing	5
NUR 300 Health Assessment I	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
Professional Nursing Total	54

*Note: May be replaced with the honors equivalents: NUR 498H and 499H.

Students need to choose one of the following concentrations:

■Business Concentration (BUSC)

MGT 130 Principles of Management	3
Choice of one of the following courses:	3
MGT 352 Organizational Behavior	
MGT 353 Human Resource Management	
Choice of one of the following courses:	3
ACT 215 Principles of Financial Accounting	
FIN 244 Personal Financial Planning	
Business Concentration Total	9

■Missions Concentration (MISN)

MISS 325 Introduction to Christian Missions	3
Choice of two of the following courses:	5-6
MISS 309 Missions and Culture (3 hrs.)	
NUR 478 Nursing Missions* (2-3 hrs.)	

THE 401 Christian Ethics (3 hrs.)	
THE 415 Christian Apologetics (3 hrs.)	
Missions Concentration Total	8-9

*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
Choice of two of the following courses:	6
PSY 338 Psychology of Abnormal Behavior	
SOC 212 Social Psychology	
SOC 308 Cultural Anthropology	
SOC 420 Minority Relations	
Behavioral Science Concentration Total	9

Degree Total	131-132
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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

Candidates for this program must do the following:

- meet the requirements for admission to ORU,
- be graduates of NLN accredited ADN programs,
- have cumulative associate level grade-point averages of 2.50 on a 4.0 scale with no less than "C" in nursing or prerequisite courses,
- be currently licensed in Oklahoma as R.N.s, and
- provide proof of professional liability insurance.

Degree Requirements

ADN students who have met the criteria for admission are awarded the following 24 semester hours of nursing credit:

Advanced Placement	Credit Hours
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
Advanced Placement Total	24

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

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

Professional Nursing	Credit Hours
NUR 400 Patterns of Health and Illness III	4

NUR 401 Professional Transition	2
NUR 403 Patterns of Community Health	4
NUR 405 Patterns of Leadership	6
NUR 406 Patterns of Health and Illness IV	6
NUR 430 Patterns of Childbearing	4
NUR 498 Research/Senior Paper I*	2
NUR 499 Research/Senior Paper II*	2
Professional Nursing Total	30

*Note: May be replaced with the honors equivalents: NUR 498H and 499H.

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

General Education	Credit Hours
English (ENG 101, 305)	6
Oral Communication (COM 101)	3
Humanities (HUM 111, 112, 213, 214)	12
Biblical Literature (BLIT 110,120)	6
Theology (THE 103)	3
Chemistry (CHE 101 Lecture and Lab)	4
Microbiology (BIO 310 Lecture and Lab)	4
Psychology (PSY 201)	3
Mathematics (MAT 232)	3
American History (HIS 101)	3
American Government (GOV 101)	3
Health, Physical Education, and Recreation (Health Fitness I and II, swimming course or proficiency, two electives)	3
General Education Total	53

Prerequisite Courses for Nursing

Chemistry (CHE 101 Lecture and Lab) (listed in general education)	
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
Prerequisites Total	14

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

■Business Concentration (BUSC)

MGT 130 Principles of Management	3
Choice of one of the following courses:	3
MGT 352 Organizational Behavior	
MGT 353 Human Resource Management	
Choice of one of the following courses:	3
ACT 215 Principles of Financial Accounting	
FIN 244 Personal Financial Planning	
Business Concentration Total	9

■Missions Concentration (MISN)

MISS 325 Introduction to Christian Missions	3
Choice of two of the following courses:	5-6
MISS 309 Missions and Culture (3 hrs.)	
NUR 478 Nursing Missions* (2-3 hrs.)	
THE 401 Christian Ethics (3 hrs.)	
THE 415 Christian Apologetics (3 hrs.)	
Missions Concentration Total	8-9

*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>		6
PSY 338	Psychology of Abnormal Behavior	
SOC 212	Social Psychology	
SOC 308	Cultural Anthropology	
SOC 420	Minority Relations	

Behavioral Science Concentration Total	9
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Degree Total	129-130
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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

Nutrition

NUT 201	Nutrition
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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.

Dan Hedges.....Associate Professor of Practical
 Theology

B.A., San Jose Christian College, 1975; M.A., Pepperdine
 University, 1978; D.Min., McCormick Theological Seminary,
 1982.

Frank Hultgren.....Lecturer in Practical Theology
 and Chaplain to University Faculty

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.

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

Oon-Chor Khoo, D.Min., 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."

Statement of Mission

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 Signs and Wonders. The Holy Spirit in the Now course deals with part of the basic theological beliefs and lifestyle unique to Oral Roberts University. All students in the seminary need to enroll in the course during their first semesters of residency.

The faculty of the ORU School of Theology and Missions firmly believes that the power and authority entrusted to the early Church, as described in the Book of Acts, is still available to believers today. The miraculous power of Christ is to operate "in the Now." For this reason, masters degree students are required to take GTHE 508 Signs and Wonders. 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 that students who participate in Counseling Practicum, Counseling Internship, or any field education course must undergo a criminal background check before they enter into field experiences with them. Therefore, criminal background checks will be conducted on all students the semester prior to enrollment in Counseling Practicum, Counseling Internship, or any field education course. 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 in the office of the associate dean. 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 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 three degrees: the Master of Divinity (M.Div.), the Master of Arts (M.A.), and the Doctor of Ministry (D.Min.). Several concentrations are offered in the M.A. degree program.

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.

The master of arts degree focuses upon several areas in both academic and professional programs. These programs include Biblical Literature, Theological and Historical Studies, Christian Counseling, Christian Education, Missions, and Practical Theology. These programs prepare students for specialized ministries within the local church, educational institutions, and para-church or community organizations. The master of arts degree is well suited as foundational study for Ph.D./Ed.D. programs in the disciplines of concentration.

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.

Prerequisite/Leveling Courses*	Credit Hours
Choice of one of the following:	0-3
GTHE 517 Seminar in Theological Research (3 hrs.)	
PRF Theological Research Proficiency Exam (0 hrs.)	
Prerequisite Total	0-3

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

Biblical Literature

GBIB 551 Old Testament Synthesis	3
GBIB 571 New Testament Synthesis	3
GBIB Greek/Hebrew Synthesis I	3
GBIB Greek/Hebrew Synthesis II	3
PRF Biblical Language Proficiency	0
GBIB Language/Translation elective	3
GBIB Elective	3
Choice of one of the following two courses:	3
GBIB 561 Old Testament Hermeneutics and Exegesis (Hebrew)	
GBIB 581 New Testament Hermeneutics and Exegesis (Greek)	
Biblical Literature Total	21

Theological/Historical Studies

GTHE 551 Systematic Theology I	3
GTHE 561 Systematic Theology II	3
GTHE 571 Church History I	3
GTHE 581 Church History II	3
GTHE 661 Introduction to Christian Ethics	3
GTHE Electives	6
Theological/Historical Studies Total	21

Practices of Ministry

PRM 511 Introduction to Christian Missions	3
Choose one of the following two courses:	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	3
GTHE 508 Signs and Wonders	2
GHPE 503 Graduate Health Fitness*	1
Choice of three of the following:	1.5
GHPE 515 Graduate Aerobics (.5)	
GHPE 525 Graduate Walk for Fitness (.5)	
HPER Activity course (.5)	
HPER Activity course (.5)	
HPER Activity course (.5)	

ORU Distinctives Total	10.5
Electives	12

Degree Total	87.5
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*Students who completed Health Fitness I and II as undergraduates need to substitute an activities course (.5 or 1 hour) for GHPE 503, which may decrease the degree total to 87 hours.

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.

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 develop-

ment. 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 encouraged to enroll in as many courses (both on-campus and distance education) as they can realistically incorporate into their schedules each semester. In order to complete the degree within five years, students need to take three or four on-campus courses and two distance education courses each year. The degree can be completed in three or four years if the student is able to take a heavier course load.

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 Program

The master of arts academic program includes the following areas:

- Biblical Literature (with optional 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.

Degree Requirements

The academic master of arts degree is a four-semester, 51 semester-hour program. The degree requirements are as follows:

	Credit Hours
Concentration	33
Cognate	12
ORU Distinctive Courses	6
Degree Total	51

BIBLICAL LITERATURE (MBL)

Master of Arts

The Master of Arts in Biblical Literature is structured to give students a broad spectrum of hermeneutical and exegetical perspectives, tools, and methods to interpret Biblical content responsibly and perceptively. Students acquire a working knowledge of Biblical languages (Hebrew and Greek). The program assists students in developing personal hermeneutical and exegetical positions to be used in acquiring a comprehensive understanding of Old and New Testament content.

This program is designed to enable students to integrate hermeneutical and exegetical insights into a theological/historical framework shaped by interaction with the charismatic ethos of Oral Roberts University.

In order to provide students with a knowledge of the theological and historical context in which the Church operates, this program provides them with a cognate in theological and historical studies.

Proficiency in Biblical Greek and Hebrew is an integral part of the Master of Arts in Biblical Literature. Transcript credit and proficiency in both Greek and Hebrew are required for graduation. The first Biblical language is a prerequisite. Transcript credit for two semesters of elementary Biblical language with at least a "C" grade and current proficiency in that language must be demonstrated by all Master of Arts in Biblical Literature candidates. As a prerequisite, proficiency should be demonstrated at the time of matriculation. Current proficiency is demonstrated by achieving a

minimum of 70% on a written examination.

Students who do not meet the Biblical language requirement need to enroll immediately for prerequisite/leveling credit in a Biblical language course. After successful completion of two semesters of elementary Biblical language, proficiency by examination must be demonstrated. The final examination in the second semester of the language constitutes the proficiency examination.

The second Biblical language is part of the degree program and counts toward fulfilling the degree requirements.

Prerequisites/Leveling Courses*

Applicants are required to satisfy a minimum of 12 semester hours of Biblical literature prerequisites plus six semester hours (two semesters) of elementary Biblical language. Those who have not fulfilled these requirements in baccalaureate studies must 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.)

	Credit Hours
GBIB 551 Old Testament Synthesis	3
GBIB 571 New Testament Synthesis	3
GBIB Bible electives (500 level)	6
PRF Biblical language proficiency	0
Choice of one of the following two courses:	3
GBIB 500 Greek Synthesis I	
GBIB 510 Hebrew Synthesis I	
Choice of one of the following two courses:	3
GBIB 501 Greek Synthesis II	
GBIB 511 Hebrew Synthesis II	
Choice of one of the following:	0-3
GTHE 517 Seminar in Theological Research (3 hrs.)	
PRF Theological Research Proficiency Exam (0 hrs.)	
Prerequisites/Leveling Total	18-21

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

Biblical Literature Studies	Credit Hours
GBIB 611 Theology of the Old Testament	3
GBIB 621 Theology of the New Testament	3
GBIB 756 Thesis Research	1
GBIB 757 Thesis Writing	2
GBIB Biblical literature electives	12
GBIB Language translation elective	3
PRF Biblical language proficiency	0
Choice of one of the following hermeneutics:	3
GBIB 561 Old Testament Hermeneutics and Exegesis	
GBIB 581 New Testament Hermeneutics and Exegesis	
Choice of one of the following sequences: (second Biblical language)	6
GBIB 500 Greek Synthesis I	
GBIB 501 Greek Synthesis II	
GBIB 510 Hebrew Synthesis I	
GBIB 511 Hebrew Synthesis II	
Concentration Total	33

Theological and Historical Cognate

GTHE Electives	12
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ORU Distinctive Courses

GTHE 507 Holy Spirit in the Now	2
GTHE 508 Signs and Wonders	2
GHPE 503 Graduate Health Fitness*	1
Choice of two of the following:	1
GHPE 515 Graduate Aerobics (.5)	
GHPE 525 Graduate Walk for Fitness (.5)	
HPER Activity course (.5)	
HPER Activity course (.5)	

ORU Distinctives Total 6

Degree Total 51

*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.

Note: The courses GBIB 611 Theology of the Old Testament and GBIB 621 Theology of the New Testament provide the conceptual framework for the Master of Arts in Biblical Literature degree. The second Biblical language should be taken during the first year of residency unless the student entered the program with a language deficiency. All students must demonstrate proficiency in both Biblical languages.

■ BIBLICAL LITERATURE (MAL) with Advanced Languages Concentration

Prerequisite/Leveling Courses*

All advanced language concentration candidates 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 these classes with a grade of "C" or better. Additionally, students may be required to achieve a minimum of 70 percent on a written examination.

The prerequisite/leveling for a masters degree in Biblical Literature with advanced languages concentration are as follows:

	Credit Hours
GBIB 500 Greek Synthesis I	3
GBIB 501 Greek Synthesis II	3
PRF 053 Greek Proficiency	0
GBIB 510 Hebrew Synthesis I	3
GBIB 511 Hebrew Synthesis II	3
PRF 052 Hebrew Proficiency	0
GBIB 551 Old Testament Synthesis	3
GBIB 571 New Testament Synthesis	3
GBIB Electives (500 level)	6
Choice of one of the following:	0-3
GTHE 517 Seminar in Theological Research (3 hrs.)	
PRF Theological Research Proficiency Exam (0 hrs.)	
Prerequisites/Leveling Total	24-27

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

Advanced Languages Concentration

	Credit Hours
GBIB 611 Theology of the Old Testament	3
GBIB 621 Theology of the New Testament	3
GBIB 750 Thesis	1
Choice of twelve hours from the following:	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)	
Choice of twelve hours from the following:	12
GBIB 663 Syriac	
GBIB 712 Akkadian	
GBIB 714 Ugaritic	
GBIB 754 Coptic Studies	
GBIB 755 Classical Egyptian	
GBIB 761 Advanced Syriac	
GBIB 764 Biblical Aramaic	

Concentration Total 33

Theological and Historical Cognate

GTHE Electives	12
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ORU Distinctive Courses

GTHE 507 Holy Spirit in the Now	2
GTHE 508 Signs and Wonders	2
GHPE 503 Graduate Health Fitness*	1
Choice of two of the following:	1
GHPE 515 Graduate Aerobics (.5)	
GHPE 525 Graduate Walk for Fitness (.5)	
HPER Activity course (.5)	
HPER Activity course (.5)	

ORU Distinctives Total 6

Degree Total 51

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

THEOLOGICAL 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.

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.

To provide students with a Biblical foundation and context for their studies, this program requires a cognate in Biblical literature.

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.

	Credit Hours
GTHE 551 Systematic Theology I	3
GTHE 561 Systematic Theology II	3
GTHE 571 Church History I	3
GTHE 581 Church History II	3
Choice of one of the following:	0-3
GTHE 517 Seminar in Theological Research (3 hrs.)	
PRF Theological Research Proficiency Exam (0 hrs.)	

Prerequisites/Leveling Total 15

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

Applicants should satisfy these requirements during the first year of enrollment.

Since 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.

Theological/Historical Studies	Credit Hours
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

Theological/Historical Studies Total 33

Biblical Literature Cognate

GBIB 507 Biblical Hermeneutics	3
GBIB 551 Old Testament Synthesis	3
GBIB 571 New Testament Synthesis	3
GBIB Biblical literature elective	3

Cognate Total 12

ORU Distinctive Courses

GTHE 507 Holy Spirit in the Now	2
GTHE 508 Signs and Wonders	2
GHPE 503 Graduate Health Fitness*	1
Choice of two of the following:	1
GHPE 515 Graduate Aerobics (.5)	
GHPE 525 Graduate Walk for Fitness (.5)	
HPER Activity course (.5)	
HPER Activity course (.5)	

ORU Distinctives Total 6

Degree Total 51

*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.

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 Program

The professional master of arts program offers degrees in the following areas:

- 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. This program leads toward completing the academic requirements for a licensed professional counselor.

Biblical and Theological Foundations

GBIB 505 Introduction to Old Testament Literature	3
GBIB 506 Introduction to New Testament Literature	3
PRM 528 Christian Approaches to Counseling	3
PRM 571 Theology of Counseling	3
GTHE 507 Holy Spirit in the Now	2
GTHE 508 Signs and Wonders	2
GTHE 518 Introduction to Theology	3

Biblical and Theological Total 19

Theoretical Foundations and Methods of Counseling

PRM 623 Ethics and Professional Issues in Counseling	3
PRM 625 Counseling Theories	3
PRM 630 Counseling Methods	3
PRM 635 Human Growth and Development	3
PRM 670 Abnormal Human Behavior	3
PRM 671 Religion and Personality	3

Foundations Total 18

Counseling 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

Health, Physical Education, and Recreation

GHPE 503 Graduate Health Fitness*	1
Choice of two of the following:	1
GHPE 515 Graduate Aerobics (.5)	
GHPE 525 Graduate Walk for Fitness (.5)	
HPER Activity course (.5)	
HPER Activity course (.5)	

HPER Total 2

Degree Total 63

*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.

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
Licensure Total		15

■ CHRISTIAN COUNSELING (MFT) with Marriage and Family Therapy Concentration

The field of Christian counseling is increasing in diversity. One of the fastest growing aspects of this increasingly specialized form of ministry is that of marriage and family therapy. This concentration is designed to teach students the knowledge and skills necessary to become marriage and family therapists. Taught by professors who are licensed marriage and family therapists, this program fulfills the academic requirements for licensure as a licensed marriage and family therapist.

This program meets the academic requirements for membership in the American Association for Marriage and Family Therapy. Although states vary in their requirements for certification, this program is designed to meet the required academic work for licensure. In some cases, students may need to meet additional course requirements to satisfy a particular state's regulations. Degree requirements follow:

Biblical and Theological Foundations	Credit Hours
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	2
GTHE 518 Introduction to Theology	3
Biblical/Theological Total	19

Theoretical Foundations and Methods of Counseling

PRM 539	Contemporary Family	3
PRM 623	Ethics and Professional Issues in Counseling	3
PRM 630	Counseling Methods	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
Foundations Total		24

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
Applications Total		18

Health, Physical Education, and Recreation

GHPE 503	Graduate Health Fitness*	1
<i>Choice of two of the following:</i>		<i>1</i>
GHPE 515	Graduate Aerobics (.5)	
GHPE 525	Graduate Walk for Fitness (.5)	
HPER	Activity course(.5)	
HPER	Activity course(.5)	
HPER Total		2
Degree Total		63

*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 (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.

Prerequisite/Leveling Courses*		Credit Hours
PRM 551	Introduction to Christian Education**	3
Choice of one of the following:		0-3
GTHE 517	Seminar in Theological Research (3 hrs.)	
PRF	Theological Research Proficiency Exam (0 hrs.)	
Prerequisites/Leveling Total		0-6

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

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

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
Christian Education Total		30

Biblical/Theological Cognate

GBIB 505	Introduction to Old Testament Literature	3
GBIB 506	Introduction to New Testament Literature	3
GBIB 507	Biblical Hermeneutics	3
GTHE 518	Introduction to Theology	3
GTHE/GBIB Electives		6
PRM	Missions/church growth/evangelism elective	3

Cognate Total 21

ORU Distinctive Courses

GTHE 507	Holy Spirit in the Now	2
GTHE 508	Signs and Wonders	2
GHPE 503	Graduate Health Fitness*	1
<i>Choice of two of the following:</i>		<i>1</i>
GHPE 515	Graduate Aerobics (.5)	
GHPE 525	Graduate Walk for Fitness (.5)	
HPER	Activity course (.5)	
HPER	Activity course (.5)	

ORU Distinctives Total 6

Degree Total 57

*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 (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.

Prerequisite/Leveling Courses*	Credit Hours
<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
Prerequisites Total	12-15

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

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

Missions Studies Total 33

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

Cognate Total 18

ORU Distinctive Courses

GHPE 503	Graduate Health Fitness*	1
GTHE 507	Holy Spirit in the Now	2
GTHE 508	Signs and Wonders	2
<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

Degree Total 57

*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 (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.

Prerequisites*	Credit Hours
Choice of one of the following:	0-3
GTHE 517 Seminar in Theological Research (3 hrs.)	
PRF Theological Research Proficiency Exam (0 hrs.)	

Prerequisites Total 0-3

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

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
Choice of one of the following two courses: 3

GBIB 505	Introduction to Old Testament Literature	
GBIB 551	Old Testament Synthesis	

Choice of one of the following two courses: 3

GBIB 506	Introduction to New Testament Literature	
GBIB 571	Introduction to New Testament Literature	

Choice of one of the following two courses: 3

PRM 560	Teaching the Word	
PRM 663	Text to Sermon3	

Choice of one of the following two courses: 3

PRM 626	Principles of Biblical Counseling	
PRM 673	Introduction to Pastoral Care	

Practical Theology Studies Total 36

Electives* 15

*These electives are provided to enable students to meet personal ministry needs and are to be selected in consultation with faculty advisors.

ORU Distinctive Courses

GTHE 507	Holy Spirit in the Now	2
GTHE 508	Signs and Wonders	2
GHPE 503	Graduate Health Fitness*	1
<i>Choice of two of the following:</i>		1
GHPE 515	Graduate Aerobics (.5)	
GHPE 525	Graduate Walk for Fitness (.5)	
HPER	Activity course (.5)	
HPER	Activity course (.5)	

ORU Distinctives Total 6

Degree Total 57

*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.

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 3.00 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)	

Degree Total 37.5

*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.

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	

Biblical Literature—New Testament

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)	

Theological/Historical Studies—Ethics

- GTHE 660 Ethics and Contemporary Issues
 GTHE 661 Introduction to Christian Ethics
 GTHE 768 Ethics in Pastoral Ministry
 GTHE 769 Ethics of Jesus

Theological and Historical Studies—Historical

- GTHE 571 Church History I
 GTHE 581 Church History II
 GTHE 675 Early Church Fathers
 GTHE 676 The Age of Reformation
 GTHE 744 Seminar in Historical Studies

**Theological and Historical Studies—
Historical/Theological**

- GTHE 517 Seminar in Theological Research
 GTHE 539 Black Church History and Theology
 GTHE 674 Denominational Politics
 GTHE 681 Historical Theology
 GTHE 694 The Pentecostal/Charismatic Movements
 in Historical Perspective
 GTHE 696 Divine Healing: A Theological and
 Historical Study
 GTHE 749 Directed Study
 GTHE 756 Thesis Research
 GTHE 756 Thesis Research
 GTHE 757 Thesis Writing

Theological and Historical Studies—Theological

- GTHE 507 Holy Spirit in the Now
 GTHE 508 Signs and Wonders
 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

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
 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 687 Church Planting in Context
 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 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

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School of Business

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 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

Duane Burritt.....Assistant Professor
 B.A., University of West Florida, 1996; M.Ed., 1994; M.A., 1979; Ed.D., Jacksonville Theological Seminary, 1995.

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.

Darlene Gaskill.....Instructor
 B.A., Northeastern Illinois University, 1974; M.A., Oral Roberts University, 2001.

Mark E. Hall.....Assistant Professor
 B.S., University of Tulsa, 1983; M.A., 1985; Ed.D., 1991.

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.

Jill E. Steeley.....Professor and Coordinator of Student Teaching
 B.S., Oklahoma State University, 1971; M.Ed., Northeastern State University, 1985; Ed.D., Oklahoma State University, 1992.

Jeff Wetteman.....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.

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

Gwetheldene Holzmänn.....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 offers both the bachelor of science and bachelor of arts degrees with four undergraduate majors that can be earned entirely through online and correspondence courses. The undergraduate department that administers each of the majors 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)
• *Christian School Curriculum Development*
• *Christian School Administration (K-12)*
• *Teaching with Public School Licensure*
• *Early Childhood Education*
• *Public School Administration*
• *Post-Secondary Christian 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 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 Associate Dean 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 Withdrawal

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 Adult Learning Service Center. 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, SLE 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 ALSC.

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 SLE 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 Adult Learning Service Center 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 intellectual responsibility applies to all work done by stu-

dents. 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 ALSC enrollment coordinator. 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. Enrollment Coordinator, 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 disciplined. 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 SLE 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 SLE 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.

General Education	Credit Hours
English (ENG 101, 305)	6
Oral Communication (COM 101)	3
Humanities (HUM 111, 112, 213, 214)	12
Biblical Literature (BLIT 110, 120)	6
Theology (THE 103)	3
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
General Education Total	54

Major

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
Major Total	30

Cognate

BUS 101 Principles of Economics I	3
BUS 102 Principles of Economics II	3
CSC 112 Microcomputer Applications in Business	3
FIN 244 Personal Financial Planning	3

Cognate Total 12
Electives* 32

Degree Total 128

*Note: 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.

General Education	Credit Hours
English (ENG 101, 305)	6
Oral Communication (COM 101)	3
Humanities (HUM 111, 112, 213, 214)	12
Biblical Literature (BLIT 110, 120)	6

Theology (THE 103)	3
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 101, SOC 101, FIN 244)	3
Health, Physical Education, and Recreation (001, 002, 101, 102)	4
General Education Total	54

Major

THE 217 Seminar in Theological Research	3
PSY 201 Introduction to Psychology	3
CCC 301 Introduction to Christian Caregiving	3
CCC 324 Foundations of Personality Development	3
CCC 332 Lifespan Development	3
CCC 339 Developing Helping Skills	3
CCC 411 Practical Applications of Helping Skills	3
CCC 413 Senior Practicum	3
<i>Choice of seven courses from the following list:</i>	<i>21</i>
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	

Major Total 45
Electives* 29

Degree Total 128

*Note: 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.

General Education	Credit Hours
English (ENG 101, 305)	6
Oral Communication (COM 101)	3
Humanities (HUM 111, 112, 213, 214)	12
Biblical Literature (BLIT 110, 120)	6
Theology (THE 103)	3
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 101, SOC 101, SOC 201, FIN 244)	3
Health, Physical Education, and Recreation (001, 002, 101, 102)	4
General Education Total	54

Major	Credit Hours
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>	<i>12</i>
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>	<i>9</i>
THE 304 Contemporary Religions in 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>	<i>6</i>
CHRM 304 Educational Ministries of the Church	
CHRM 335 Introduction to Evangelism	
CHRM 340 Sermon Preparation and Preaching	
MISS 404 Church Growth and Planting	

Major Total 66
Electives* 8

Degree Total 128

*Note: 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
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 101, SOC 101, SOC 201, FIN 244)	3

Health, Physical Education, and Recreation (001, 002, 101, 102) 4

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

Though ORU is well known for its business attire requirements in the classroom (i.e., ties, dress shirts, skirts, etc.), WeekEnd University students enjoy a relaxed, professional setting. Skirts are not mandatory for women. Men are not required to wear dress shirts or ties. 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
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 101, SOC 101, SOC 201, FIN 244)	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
General Education Total	54		
Major		Major Total	30
COM 203 Interpersonal Communication	3	Cognate	
COM 322 Interviewing	3	SOC 201 Marriage and Family	3
COM 359 Adult Development in the Organization	3	COM 203 Interpersonal Communication	3
COM 410 Discussion and Conference Leadership	3	COM 410 Discussion and Conference Leadership	3
COM 412 Training and Development	3	COM 413 Cross-Cultural Communication and Minority Group Relations	3
COM 413 Cross-Cultural Communication/ Minority Group Relations	3		
COM 420 Gender and Family Relations	3	Cognate Total	12
COM 499 Research and Senior Paper/Project	3	Electives	32
MGT 352 Organizational Behavior	3		
MGT 461 Conflict Resolution	3	Degree Total	128
Major Total	30		
Cognate			
MGT 130 Principles of Management	3		
MGT 353 Human Resource Management	3		
MGT 443 Executive Development	3		
Cognate Total	9		
Electives	35		
Degree Total	128		

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
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 101, SOC 101, FIN 244, SOC 323)	3
Health, Physical Education, and Recreation (001, 002, 101, 102)	4
General Education Total	54
Major	
BIB 306 Hermeneutics	3
BIB 346 Luke-Acts	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

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 session 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
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
HIS 101	American History
HUM 111	Introduction to Humanities I
HUM 112	Introduction to Humanities II
MAT 100	Introduction to College Mathematics
MAT 105	College Algebra
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. The 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 from 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 (SLLE) 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 Adult Learning Service Center. 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.

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.

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.

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.

XCHM-001 How to Witness

A study of the evangelistic dimensions of the Christian faith and how to share faith with others.

XTHE-005 Principles and Patterns of 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.)

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 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.

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 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, counseling, or Christian education.

Bible Courses	Credit Hours
DBIB 110 Old Testament Survey	3
DBIB 120 New Testament Survey	3
DBIB 400 Biblical Interpretation (Hermeneutics)	3
Choice of four courses from the following:	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	

Bible Total	21
Theological and Historical Courses	
DTHE 101 Holy Spirit in the Now	3
DTHE 230 Christian Faith and Ministry	3
DTHE 399 Signs and Wonders	3
DTHE 453 History of Christianity I	3
DTHE 454 History of Christianity II	3
Choice of two courses from the following:	6
DTHE 304 Contemporary Religions in America-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 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 Biblical Principles of Counseling	3

DPRM 320 Ministry Practicum	3
(3 semesters, 1 credit hour each)	
DPRM 430 Evangelism	3
DPRM 464 Prayer	3
<i>Choice of three courses from the following*:</i>	
DPRM 301 Introduction to Christian Caregiving	9
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

*Counseling or Christian Education courses may be used for general studies electives.

Counseling

DPRM 301 Introduction to Christian Caregiving	3
DPRM 317 Biblical Principles of Counseling	3
DPRM 320 Ministry Practicum	3
(3 semesters, 1 credit hour each)	
DPRM 321 Christian Approaches to Counseling	3
DPRM 332 Faith and Human Development	3
<i>Choice of three of the following courses:</i>	
DPRM 397 Ministry Internship	9
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 Pre-Marital Counseling	

Counseling Total 24

Christian Education

DPRM 300 History and Philosophy of Christian Education	3
DPRM 305 Teaching the Bible	3
DPRM 320 Ministry Practicum	3
(3 semesters, 1 credit hour each)	
DPRM 332 Faith and Human Development	3
DPRM 333 Ministry and Leadership Training	3
<i>Choice of three of the following courses:</i>	
DPRM 304 Educational Ministries of the Church	9
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 pro-

gram 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.

Course Descriptions for the Bible Institute

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 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 401

Israel Study Tour 3 credit hours

A travel tour to Bible lands in order to study the history, geography, and culture of the Scriptures.

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.

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 304**Contemporary Religions in America—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**

Doctrine of the Trinity. Discusses 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.

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 303**Major Religions of the World****3 credit hours**

A historical survey of current religions. Emphasizes major beliefs and ethics of various religions.

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 317**Biblical Principles of 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**

This course 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 332**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 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****3 credit hours**

This course is 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 situational crises. The approach includes the concept 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

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.

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 101 Principles of Economics I
- BUS 102 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
- ELE 403 Literacy Assessment and Clinical Experience

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 105 College Algebra
- MAT 151 Mathematics and Society
- MAT 232 Elementary Statistics

Missions

- MISS 325 Introduction to Christian Missions
- MISS 404 Church Growth and Planting

Physical Science

- PSC 101 Principles of Physical Science Lecture
- PSC 350 Environmental Geography 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

Social Work

SWK 202 Introduction to Social Work

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 in 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 ChurchTHE 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 Financial and 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.

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 dis-

covery 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 is 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 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 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. (Offered only through SLLE.)

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, millenium, 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 401
Israel Study Trip
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.

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 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 101

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 102

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 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 SLLE.)

CCC 303

Issues and Identity of the Caregiver 3 credit hours

A study of the ethics, values, and litigation that affect the counseling field and professionals in that field. Examines the role of the professional counselor. (Offered only through SLLE.)

CCC 321

Christian Approaches to Counseling 3 credit hours

A study designed to acquaint students with the four basic paradigms of Christian counseling: insight-oriented, behavioral, cognitive, and faith healing. The philosophical assumptions and uses of specific techniques with each are explored. (Offered only through SLLE.)

CCC 324

Foundations of Personality Development 3 credit hours

A study of the principal interpretations of personality development, description, dynamics, and determinants. (Offered only through SLLE.)

Prerequisite: PSY 201.

CCC 332

Lifespan Development 3 credit hours

A study of human behavior in the social environment and the effect that environmental and psychological variables have upon the development of humans from conception to death. Gives special attention to the development of behaviors, attitudes, and problems specific to different subcultural and age groups, including the elderly. (Offered only through SLLE.)

CCC 339

Developing Helping Skills 3 credit hours

A study of the major theoretical concepts of counseling psychology presented with practical applications of those concepts in terms of counseling strategies and techniques. Expects the student to formulate appropriate hypotheses concerning representative client problems and propose competent methodologies/strategies for addressing those problems. (Offered only through SLLE.)

CCC 405

Crisis Intervention 3 credit hours

A study to acquaint the student with the nature and dynamics of crisis situations. Places emphasis upon intervention principles and procedures in the context of situational crises. The approach includes the concept of training the laity for basic crisis intervention. (Offered only through SLLE.)

CCC 411

Practical Applications of Helping Skills 3 credit hours

A counseling practicum designed to provide students with an opportunity to become acquainted with the practice of counseling. Working in various settings, students interact with counseling professionals and become familiar with counseling as it is practiced within an agency. (Offered only through SLLE.)

CCC 413
Senior Practicum
3 credit hours

A practicum in a church counseling setting. Provides an opportunity to become acquainted with the practice of helping through Christian counseling. Students interact with professionals and learn about counseling as it is practiced within a church. (Offered only through SLLE.)

CCC 426
Assessment and Evaluation
3 credit hours

An introductory course for counselors. Its objective is to promote knowledge of and skills in assessment and evaluation. (Offered only through SLLE.)

CCC 429
Substance Abuse
3 credit hours

Presents the theological, ethical, moral, and practical considerations important in counseling those who are chemically dependent. (Offered only through SLLE.)

CCC 430
Special Issues in Counseling
3 credit hours

The study of contemporary problems, trends, or innovative developments in Christian counseling. (Offered only through SLLE.)

CHEMISTRY (CHE)

CHE 101
Principles of Chemistry Lecture
3 credit hours

An introductory course requiring no prior background in chemistry. Emphasizes applying chemical principles to everyday situations and acquaints the student with the periodic table and chemical nomenclature. (Writing-intensive sections are available.)

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.)

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 spec-

tra, 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 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 208

Whole Person Healing/Healing School 2 credit hours

Investigates the Biblical and practical dimensions of divine healing. Explores various ways in which a person can be brought to wholeness through physical, emotional, spiritual, relational, and financial healing

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 educational 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 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 deci-

sion-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 or consent of instructor.

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 406
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. (Crosslisted with MMC 406.)

Prerequisite: Minimum of sophomore standing.

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 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 in dynamic storage allocation, garbage collection, 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, multiprogramming, 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 runtime representation of program data structures. In addition to a study of traditional imperative languages, trains students to adapt the mindset of alternative approaches to the programming process through programming exercises in string processing, functional, logic, and object-oriented languages.

Prerequisite: CSC 255.

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.

CSC 382
Systems Design
3 credit hours

Advanced study of structured systems development. Emphasizes strategies and techniques of structured design for producing logical methodologies for dealing with complexity in developing information systems.
Prerequisite: CSC 381.

CSC 441
Data Communication
3 credit hours

The study of concepts of data communication, network design, and distributed information systems.
Prerequisite: CSC 111.

CSC 450
Computer Science Internship
3 credit hours

An exposure to the computer information industry in which a student works within an organization to better understand the basic skills required to secure a position and advance in this industry. The student learns about the operation of different hardware and/or software components, uses and tests skills acquired in the classroom, gains confidence, and returns to campus with a better understanding of the competencies needed by a professional in the computer information industry. (Not counted toward a minor in computer science.)

CSC 451
Advanced Systems Programming
3 credit hours

A study of the machine-level programming techniques needed for control-system programming, such as interrupt processing, input/output buffering, direct memory access, program traps, communications, polling, task queuing, multiprogramming, scheduling, priorities, foreground/background, real-time systems, and online systems.

Prerequisite: CSC 351.
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, his-

torical, 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 213

Physical Development of the Young Child 3 credit hours

Addresses all aspects of physical growth and development as well as methods for supporting this development. Covers health, safety, nutrition, playground design, and physical education; includes a practicum.

ECE 303

Symbol Development and Creativity of the Young Child 3 credit hours

Covers all aspects of symbol development and creativity including language, literacy, art, and music. Addresses special needs of the language-different child in the development of literacy. Includes a 15-hour practicum.

ECE 313

Psychosocial Development and Guidance of the Young Child 3 credit hours

Examines the social, emotional, and moral develop-

ment of the young child. Investigates techniques for supporting psychosocial development, managing the early childhood classroom, and addressing behavior problems ranging from normal to psychopathological. Both parent and community collaboration are considered. A practicum is included.

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 specific methods and rationales for teaching math, science, and social studies. Includes a 15-hour practicum. (Crosslisted with GECE 523.)

ECE 403

Childcare Administration and the School Law 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 EE 330. Introduces robust and digital control systems.

Prerequisite: EE 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 4 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 EC-8

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.

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.

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.

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.

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.

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 additional study time in the Cooperative Learning 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 analytical thinking, critical reading, and ethical incorporation of sources. Includes a research paper. Requires additional time in the computer lab. (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. Requires additional time in the computer lab. (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 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 and PED 303.)

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 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, \$23.

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: Background check, \$25.50; liability insurance, \$23.

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: Background check, \$25.50; liability insurance, \$23.

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, \$23.

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, \$23.

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 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 English.)
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 405 Seventeenth Century Literature 3 credit hours

A study of the Baroque period in French literature and the rise and development of French Classicism. Authors studied include Corneille, Pascal, Moliere, Racine, La Fontaine, and La Bruyere. (Taught in French.)
Prerequisite: FRE 303 or 304.

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 409 Realism to Symbolism (1850-1925) 3 credit hours

A study of the varied genres and movements of French literature from the close of the Romantic period through the first quarter of the 20th century. (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 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.

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 devel-

opment 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.

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 or proficiency in Greek as demonstrated by examination.

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.

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.

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.

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.

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.

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 581.

GBIB 632
Isalah (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.

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 506.

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.

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.

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.

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.

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.

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 581 and proficiency in Hebrew.

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 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 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 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 and proficiency in Greek.

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: Proficiency in Hebrew.

GBIB 766
Introduction to Rabbinic Thought and Literature
3 credit hours

An introduction to the field of Rabbinical Studies.
 Prerequisite: GBIB 551.

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 571; also GBIB 581 if Greek text is used.

GBIB 769
Seminar in New Testament
3 credit hours

Investigation of selected contemporary issues in New Testament studies.
 Prerequisites: GBIB 571; also GBIB 581 if Greek text is used.

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 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.

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 GBIB 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 activity. 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 organiza-

tion, 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.

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.

Academic technology fee: \$15.

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.

Academic technology fee: \$15.

GBUS 599
Research
3 credit hours

An opportunity to demonstrate research skills by conducting original research under the direction of a faculty member. This course 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 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 219
Travel Study
3 credit hours

An in-depth introduction to many aspects of German culture, history, and idiomatic language usage. This three-week trip introduces the student to the culture of Germany and Central Europe.
 Prerequisite: GER 102.

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.)

GER 306
Business German
4 credit hours

A practical workshop in using German in the workplace, with emphasis on vocabulary of office proce-

dures 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 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 emphasis on 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 the concepts of health fitness, cardiorespiratory system, nutrition and body composition, muscular skeletal fitness, and stress management. Includes consumer health information and a required weekly physical activity lab. (Crosslisted with GHPE 703.)

Prerequisites: Graduate standing and medical assessment.

GHPE 515
Graduate Aerobics
.5 credit hour

A flexible course designed to help graduate students meet the ORU fitness and lifestyle requirement. (No walking or modified field tests allowed. Crosslisted with GHPE 715.)

Prerequisites: HPER 001 and 002 or GHPE 503; 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; graduate standing.

GHPE 703
Graduate Health Fitness
1 credit hour

Develops an understanding of and personal appreciation for the relationship of physical activity and fitness to health. Emphasizes the concept of health fitness, cardiorespiratory system, nutrition and body composition, muscular-skeletal fitness, and stress management. Includes consumer health information and a required weekly physical activity lab. (Crosslisted with GHPE 503.)

Prerequisite: Doctor of ministry student and medical assessment.

GHPE 715
Graduate Aerobics
.5 credit hour

A flexible course designed to help graduate students meet the ORU fitness and lifestyle requirement. (No walking or modified field tests allowed. Crosslisted with GHPE 515.)

Prerequisites: 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, hyper-inflation, 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 (MGMT)

MGMT 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.

MGMT 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 non-profit sector. Focuses on theories of organizations and general concepts of management, governance, and leadership. Includes organizational design, behavior, performance, and effectiveness and analyzes the special character and management of problems of non-profit organizations.

GMGT 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 consideration to managerial strategies required to sustain and enhance the resource base of nonprofit organizations.

GMKT 564
Marketing Management
3 credit hours

An examination of marketing concepts, policies, and procedures related to consumer and industrial goods. Emphasizes analytical tools used to aid in marketing decision-making. Includes all aspects of marketing and provides additional depth and applications through case studies.

Prerequisites: MGT 130 and MKT 130.

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 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 our schools. Stresses assessment procedures, placement, methods, materials, and teaching strategies. (Crosslisted with PED 353.)

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.)
 Academic technology 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 techniques. Introduces teacher candidates to token learning principles and how they apply to behavior management in the classroom. Provides the opportunity for the study of the relationships between students, parents, teachers, schools, and federal, state, and local government with an emphasis on the legal framework with which each participant must interact. (Crosslisted with PED 372.)

GPED 582
Educational Assessment
2 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 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 626
Secondary Methods: Business
3 credit hours

A course designed to prepare business education students with ideas and practical knowledge for the classroom. Focuses on materials and methods of teaching business. (Crosslisted with PED 426.)

GPED 627
Secondary Methods: Communication
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. (Crosslisted with PED 427.)

GPED 628
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 PED 428.)

GPED 629
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 PED 429.)

GPED 630
Secondary Methods: Social Studies
2 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. (Crosslisted with PED 430.)

GPED 633
Elementary Music Methods
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. (Crosslisted with PED 433 and MUS 426.)

GPED 642
Secondary Music Methods
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. (Crosslisted with PED 442 and MUS 427.)

GPED 652
Health and Physical Education
Methods
2 credit hours

A program designed for physical education majors to

develop knowledge in the areas of curriculum development, methods of teaching, and organizing instruction for the elementary and secondary physical education program. Focuses on applying contemporary theories and practices to the context of elementary, intermediate, and secondary schools. Includes the teaching process involving philosophy, motor learning, planning, organizing, presenting materials, evaluating, and reading current professional literature. (Crosslisted with PED 452.)

GPED 656
Secondary Art Methods and
Evaluation
3 credit hours

The theory and processes of teaching art in the secondary school. (Crosslisted with PED 456.)

GPED 657
Methods: Modern Foreign Language
2 credit hours

A course designed to provide foreign language majors with concepts needed for language learning and instruction. Discusses the historical background of the teaching of modern language. Includes Foreign Language in the Elementary School (FLES), immersion programs, and issues concerning high school programs. (Crosslisted with PED 457.)

GPED 658
Secondary Methods: Composition
2 credit hours

A course designed to prepare English education students with ideas and practical knowledge for the secondary level (middle and senior high school levels) English classroom. Focuses on teaching composition, grammar, speech, and related subjects. A short practicum is required. (This is one of two methods courses for secondary English teacher preparation. Crosslisted with PED 458.)

GPED 659
Secondary Methods: Literature
2 credit hours

A course designed to prepare English education students with ideas and practical knowledge for the secondary level (middle and senior high school levels) English classroom. Focuses on methods of teaching literature and related subjects to current American students of varied backgrounds. A short practicum is required. (This is one of two methods courses for secondary English teacher preparation. Crosslisted with PED 459.)

Prerequisite: Admission to the Professional Education Program.

GPED 662
Elementary Art Methods and
Evaluation
2 credit hours

A study of the theory and methods of teaching art in the elementary school. Presents specific projects for the elementary level. (Crosslisted with PED 462.)

Prerequisite: Art major.

GPED 665
Student Teaching: Early Childhood
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
5-10 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
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
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 administration of a guidance and counseling program for elementary schools. Includes a study of the needs, design, implementation, coordination, and administration of an effective guidance and counseling program. (Offered by correspondence only.)

GPED 813
Guidance and Counseling for
Secondary School
3 credit hours

A study of the concepts, procedures, and administration of a guidance and counseling program for secondary schools. Includes a study of the needs, design, implementation, coordination, and administration of an effective guidance and counseling program. (Offered by correspondence only.)

GPED 823
Group Relations/Multicultural
Education
3 credit hours

Prepares educational leaders to deal with cultural diversity in the community, curriculum, and classroom. Examines current issues of multiculturalism in society and educational settings.

GPED 834
Organization and Supervision of
Programs for Exceptional
Individuals
3 credit hours

The study of the exceptional child and the establishment of a program to identify, evaluate, remediate, and effectively manage the behavior of students with special academic needs. Also addresses the administrative plan and structure, including personnel, facility scheduling, program integration with existing curriculum and schedule, legal responsibilities and liabilities, parental involvement, and continued evaluation for each identified student. (Offered in Summer Institute only.)

GPED 835
Advanced Theories of Learning and
Brain Research
3 credit hours

An advanced study of current research and practices relating to theories of learning and brain research as it relates to education. Emphasizes practical classroom application of the research.

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. 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
2 credit hours

Examines the place of miracles in the apostolic, historical, and contemporary church, focusing on the Biblical basis for expecting and experiencing miracles, their theological significance, and their practical consequences.

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 sociocultural 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 348
American Religious History
3 credit hours

A survey of the religious roots and developments of the nation through its formative period to the present.

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 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 from the 18th century to the turn of the 21st century. 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.

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.

**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, muscular 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 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 241-244**Officiating Sports
1 credit hour each**

A study of the principles, mechanics, and rules of officiating competitive sports.

HPER 241 Officiating Football

HPER 242 Officiating Volleyball

HPER 243 Officiating Basketball

HPER 244 Officiating Baseball/Softball

HPER 313**Motor Learning, Games, and
Activities
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. (Crosslisted with ELE 342.)

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

The study of the physiological bases of muscular activity with special attention to general effects of exercise on body function. Includes the properties of muscles; the 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 the 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 355 Gymnastics
- HPER 356 Aquatics

HPER 361
Developmental Adapted Physical Education
2 credit hours

A presentation of the positive values and roles that physical education programs provide in meeting the needs of the challenged individual and special populations in society. Includes tools for assessment, modification of activities, programming, and evaluation.

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 481
Internship In Health and Exercise Science or Recreation
2-12 credit hours

Involvement in organizing and administering health fitness/therapy or recreation-oriented programs in one of several settings: health clubs, YM-YWCAs, communities, schools, 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 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: HPER major of senior status 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 communi-

ty 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 SLLE's Home School College Program.)

MAT 113
Mathematical Analysis I
3 credit hours

A treatment that develops the concepts of number systems, absolute value, inequality, domain, range, local extremes, zeros, relations, and functions. Functions studied include those that are linear, polynomial, 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, includ-

ing 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 nth 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 fundamental 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 429
Topics in Mathematics
3 credit hours

A seminar surveying topics relevant to student interest and need. (May be repeated for maximum of 6 hours of credit.)

Academic technology fee: \$45.

MAT 451
Mathematics Education Internship
2 credit hours

A practicum in which the student works one-on-one with an ORU teacher to improve skills in course preparation and administration, time management, tutoring, and communication. The student has opportunity to learn about and become involved in professional organizations and research.

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.
Course 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 nonprofit 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 nonprofit 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, historical, and cultural perspectives and helps the students to formulate a personal approach to missions. It further prepares them for other related mission studies.

MISS 333 **Theology of Missions** **3 credit hours**

A study of the Biblical and theological basis and guidelines for the Church's world mission, with application to current practice. Includes contemporary theological perspectives on missions.

MISS 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 pub-

lished 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 the student 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 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 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, 305, 317.

Course fee: \$20 for yearbook, newspaper, KORU, and Institute Media Production. \$40 for telenews gathering, telenews 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 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 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 proj-

ects, 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 337
Advanced Radio Programming
3 credit hours

Emphasizes audience research practices and techniques used in programming modern radio formats.

Prerequisite: MMC 127.

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 406
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. (Crosslisted with COM 406.)

Prerequisite: Minimum of sophomore standing.

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 415
Principles of Advertising
3 credit hours

An overview of the social, economic, and marketing environment in which advertising functions. This course is a companion course to MMC 221 and is a comprehensive coverage of the complex field of advertising in print. Provides an opportunity for students to discuss and define their values within the practice of advertising.

Prerequisite: MMC 221.

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. Provides students with acceptance from peers and encouragement from mentor.

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 entertainment, training, and instruction programs.

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 426**History of Broadcasting****3 credit hours**

A survey of the development of radio, television, cable, and related electronic media. Presents the chronological history of each major time period.

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 equip-

ment, 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 488**Administration and Management in****Broadcasting****3 credit hours**

Studies the principles and practices of media administration. Compares and contrasts secular and Christian modes of media.

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, 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 fee for English handbell choir: \$55.

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, 101, or instructor permission.

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 studies also study specific management issues relating to the use of phonetics in the vocal ensemble. Crosslisted with PED 201.)

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 228.

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. (Crosslisted with PED 391.)

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. (Crosslisted with PED 371.)

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. (Crosslisted with PED 381.)

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 sightreading, modulation, transposition, improvisation, choral score reading, alternate harmonizations, descants, and hymn-tune arrangements. Focuses on serv-

ice-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 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. (Crosslisted with PED 433 and GPED 633.)

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. (Crosslisted with PED 442 and GPED 642.)

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
2 credit hours

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 foundations of professional nursing including nursing theory, scientific principles, and critical thinking skills to promote, maintain, and restore patterns of health for individuals, families, and communities. Emphasizes nursing process, Gordon's functional health patterns, and theory of nursing for the whole person. Development of basic nursing skills is fostered in diverse clinical environments. 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 a 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 201

NUR 301
Pharmacotherapeutics
2 credit hours

A study of the theoretical and practical application of basic pharmacological principles that address pharmacologic agents from the perspective of major drug classification. 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

Nursing theory, scientific principles, and critical thinking skills are utilized to promote, maintain, and restore the patterns of health of individuals and families. Emphasizes pulmonary, cardiovascular, and hematological systems across the lifespan. Includes medical-surgical clinical experiences in diverse acute care and community environments.

Prerequisites: NUR 202, 300.

Corequisites: NUR 301, 304.

NUR 307
Patterns of Health and Illness II
7 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. Emphasizes integumentary, skeletal, gastrointestinal, and genitourinary systems across the lifespan, and systems and principles of growth and development. Integrates concepts of growth and development and perioperative nursing. Includes medical-surgical clinical experiences in pediatric and adult acute care and community environments.

Prerequisites: NUR 301, 304, 305.

Corequisites: NUR 498.

NUR 400
Patterns of Health and Illness III
4 credit hours

Nursing theory, scientific and management principles, and critical thinking skills are utilized to promote, maintain, and restore the patterns of health for individuals. Emphasizes immunological, neurological, and endocrine systems across the lifespan. Includes medical-surgical nursing and management experiences in acute care environments.

Prerequisite: NUR 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, which are integral to 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, 402.

NUR 406
Patterns of Health and Illness IV
6 credit hours

Nursing theory, scientific principles, and critical thinking skills are utilized to promote, maintain, and restore the patterns of health of individuals experiencing complex patterns of illness. Synthesizes high acuity nursing care for individuals and families in critical care environments.

Prerequisite: NUR 400.

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.

Prerequisite: NUR 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. (Honors sections are available.)

Prerequisites: NUR 306 and 308, MAT 232, and ENG 305.

NUR 499
Research/Senior Paper II
2 credit hours

Provides the structure within which the student completes and implements the research study proposed in NUR 498. Covers the process of choosing a research design, 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.)

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 201
Phonetics for Singers
1 credit hour

A fundamental course designed to acquaint the voice student with the International Phonetic Alphabet and its application to English and Italian vocal literature. (Crosslisted with MUS 241.)
 Prerequisite: Admission to the Professional Education Program.

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 profes-

sionals) 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 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 GPED 502.)

PED 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 learning variables, and methodological implications. (Crosslisted with ESL 303 and TESL 503.)

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: 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 teaching strategies. (Crosslisted with GPED 553.)

PED 361
Professional Education Portfolio/Seminar
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: Admission to the Professional Education Program.
 Academic technology fee: \$25.

PED 371
Instrumental Pedagogy and Repertoire
1 credit hour

A lecture-discussion-demonstration course for the woodwind, brass, percussion, or string primary who anticipates a career as a professional musician in a performance group, a soloist, an instrumental teacher in public and private schools, or a private studio teacher. (Crosslisted with MUS 326.)
 Prerequisite: Admission to the Professional Education Program.

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: Admission to the Professional Education Program.

PED 373
Community Relations, Cultural Issues, and Education 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 GPED 523.)
 Prerequisite: Admission to the Professional Education Program.

PED 381
Band Pageantry
3 credit hours

The fundamental techniques of drill design and band management. (Crosslisted with MUS 329.)
 Prerequisite: 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: Admission to the Professional Education Program.

PED 391
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.

(Crosslisted with MUS 325.)

Prerequisite: Admission to the Professional Education Program.

PED 392
Health and Physical Education
Evaluation
2 credit hours

Provides physical educators with a functional understanding of methods and techniques of measurement and evaluation. Techniques including anthropometric tests, cardiac functional tests, athletic achievement tests, and scoring scales are covered. Classification, grading, motor ability, and statistical methods are also presented. 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 426
Secondary Methods: Business
3 credit hours

A course designed to prepare business education students with ideas and practical knowledge for the classroom. Focuses on materials and methods of teaching business. (Crosslisted with GPED 626.) Prerequisite: Admission to the Professional Education Program.

PED 427
Secondary Methods: Communication 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. (Crosslisted with GPED 627.) Prerequisite: Admission to the Professional Education Program.

PED 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.

PED 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 GPED 629.) Prerequisite: Admission to the Professional Education Program.

PED 430
Secondary Methods: Social Studies
2 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. (Crosslisted with GPED 630.)

Prerequisite: Admission to the Professional Education Program.

PED 433
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. (Crosslisted with MUS 426 and GPED 633.)

Prerequisite: Admission to the Professional Education Program.

PED 442
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. (Crosslisted with MUS 427 and GPED 642.)

Prerequisite: Admission to the Professional Education Program.

PED 452
Health and Physical Education
Methods
2 credit hours

A program designed for physical education majors to develop knowledge in the areas of curriculum development, methods of teaching, and organizing instruction for the elementary and secondary physical education program. Focuses on applying contemporary theories and practices to the context of elementary, intermediate, and secondary schools. Includes the teaching process involving philosophy, motor learning, planning, organizing, presenting materials, evaluating, and reading current professional literature. (Crosslisted with GPED 652.)

Prerequisite: Admission to the Professional Education Program.

PED 456
Secondary Art Methods and
Evaluation
3 credit hours

The theory and processes of teaching art in the secondary school. (Crosslisted with GPED 656.)

Prerequisite: Admission to the Professional Education Program.

PED 457
Methods : Modern Foreign
Language
2 credit hours

A course designed to provide foreign language majors

with concepts needed for language learning and instruction. Discusses the historical background of the teaching of modern language. Includes Foreign Language in the Elementary School (FLES), immersion programs, and issues concerning high school programs. (Crosslisted with GPED 657.)

Prerequisite: Admission to the Professional Education Program.

PED 458
Secondary Methods: Composition
2 credit hours

A course designed to prepare English education students with ideas and practical knowledge for the secondary level (middle and senior high school levels) English classroom. Focuses on teaching composition, grammar, speech, and related subjects. A short practicum is required. (This is one of two methods courses for secondary English teacher preparation. Crosslisted with GPED 658.)

Prerequisite: Admission to the Professional Education Program.

PED 459
Secondary Methods: Literature
2 credit hours

A course designed to prepare English education students with ideas and practical knowledge for the secondary level (middle and senior high school levels) English classroom. Focuses on methods of teaching literature and related subjects to current American students of varied backgrounds. A short practicum is required. (This is one of two methods courses for secondary English teacher preparation. Crosslisted with GPED 659.)

Prerequisite: Admission to the Professional Education Program.

PED 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. (Crosslisted with GPED 662.)

Prerequisite: Admission to the Professional Education Program.

PED 465
Student Teaching: Early Childhood
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
5-10 credit hours

In-class observation, teacher assistance, and student teaching under professional supervision of a university supervisor and a cooperating teacher in a 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
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
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 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.

struction 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, empowerment, and whole-person healing within the Pentecostal/charismatic traditions.
 Prerequisites: PRM 528; GTHE 507 and 518.

PRM 573
Major Religions of the World
3 credit hours

Acquaints the student with the historical and contemporary beliefs and practices of the world's major religious faiths other than Christianity.

PRM 575
Missionary Anthropology
3 credit hours

An introduction to the fundamental aspects of cultural anthropology from a Christian perspective. Emphasizes the importance of culture and the way it affects the perception of reality, cross cultural ministry, and culture change.

PRM 578
Contextualized Theology
3 credit hours

An examination of theologies that have emerged in representative non-Western settings as a mature phase of the advance of the Christian church into all the world. Focuses on cultural factors that influence the theological process and underscores the necessity of diversity in Christian theology to answer the multifaceted dimensions of human needs.

PRM 582
Introduction to Evangelism
3 credit hours

A study of contemporary methods of evangelism, particularly those that have been proven to produce 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.
 Prerequisites: PRM 528, 625, and 670.

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 528, 641, 643, and 670.

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 community ministries under the supervision of a faculty member.

PRM 658
Curriculum of Christian Education
3 credit hours

A course designed to aid the pastor and Christian educator in his or her educational ministry in the church. Studies the principles, aims, selection, and creative use of curricula and resources to fulfill the educational task of the church in developing Christian faith and discipleship.

PRM 659
Leadership and Administration in the Church
3 credit hours

Examines the church through the focus of Christian education and deals with the practical aspects of administering the Christian education program (Bible teaching ministries) of the church. Topics include organization, planning, staff selection, motivation, training, evaluation, and general leadership principles and problems. Bases administrative procedures on Biblical and theological purposes of Christian education.

PRM 660
Practical Theology for Charismatic Ministry
3 credit hours

A course designed to help implement the promises of God and to build the Kingdom of God through spiritual warfare and the prophetic ministry. These Biblical principles can be applied personally for the church, city, or nation.

PRM 661
Preaching and the Healing Ministry
3 credit hours

A study of the dynamics of preaching 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.

Prerequisites: PRM 528, 625 or 643, and 670.

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 fee: \$32.50 instrument fee.

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 670 and 724.
 Course fee: \$32.50 instrument fee.

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 48 hours of program requirements.

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 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, \$23.

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, \$23.

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.
 Prerequisites: Admission to the Master of Arts in Missions program; majority of missions courses completed.

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 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: Background check, \$25.50, and liability insurance, \$23.

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 764 and 623.

Course fees: Background check, \$25.50, and liability insurance, \$23.

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 creat-

ed 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 biopsychosocial-spiritual development throughout the human life span. Examines the mutual interdependence between the developing individual and his or her various social systems, including family, groups, organizations, and community. Topics include developmental theories, stages of development, normal developmental tasks and milestones, developmental problems, human diversity, and the Behavior Dynamics Assessment Model. (This course helps supply the human behavior in the social environment content for the social work professional degree plan.)

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 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 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 hypothe-

ses 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 351
Practicum: Elementary Methods for Students with Mild-Moderate Disabilities
1 credit hour

A supervised clinical and school-related experience with mildly to moderately disabled elementary students for 30 clock hours.

Corequisite: 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

A study of the field of special education: the diagnostic teaching process, theories and teaching strategies, and educational implications and services for mildly to moderately disabled students. Explores the nature and needs of mildly disabled preschoolers, elementary-level children, adolescents, and adults. (Crosslisted with GSED 553.)

Corequisite: SED 351.

SED 361
Practicum: Secondary Methods for Students with Mild-Moderate Disabilities
1 credit hour

A supervised clinical and school-related experience

with mildly to moderately disabled secondary students for 30 clock hours.

Prerequisite: SED 353.

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 371
Practicum: Behavior Management
1 credit hour

A supervised clinical and school-related experience with mild-moderate behavior disordered or emotionally disturbed individuals for 30 clock hours.
 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, unem-

ployment, 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 personal perceptions, behaviors, and general readiness for learning of the individual child. Promotes temporarily viewing the world from the individual learning child's point of view.

SOC 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 301.

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 403 **Golden Age Drama and Poetry** **3 credit hours**

A study of the Spanish poetry and poetic theatre of the Golden Age period. (Taught in Spanish.)
Prerequisite: SPA 303.

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 period 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 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 311
Human Behavior in the Social Environment
3 credit hours

Focuses on the theories and knowledge of human biopscho-social-spiritual development throughout the lifespan. Helps supply the human behavior in the social environment content for the social work professional degree plan. Emphasizes examining the mutual interdependence between the developing individual and his or her various social systems, which include 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.

Prerequisites: BIO 101, SOC 101, and PSY 201.

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 thera-

py, 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 totalling 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 totalling 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 experi-

ence with designated learning objectives and implementation procedures.

Prerequisites: Junior or senior standing in professional social work program and arrangement with the social work faculty.

SWK 461
Honors Research
1-3 credit hours

Designed for the honor student who wishes to pursue individual research on a specific problem.

Prerequisites: Senior standing in professional social work program and arrangement with the social work faculty.

SWK 499
Senior Research Paper
3 credit hours

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 and PED 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.

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 demonstrate the relevance of Biblical truths not only for what Christians believe and say (faith) but also for what Christians do in Spirit-empowered action (ministry). (Honors sections are available for this course.)

THE 217
Seminar in Theological Research
3 credit hours

Designed to give students a working knowledge of the materials and methods used in theological research. Emphasizes philosophical analysis, theological bibliography, critical methods of reading and studying, research methodology, and thesis writing. Prerequisite: ENG 101.

THE 302
Introduction to Philosophy
3 credit hours

An introduction to the major problems of philosophy with ancient and modern proposals of solutions. Emphasizes notable Christian thinkers.

THE 303
Major Religions of the World
3 credit hours

A historical survey of current world religions. Emphasizes major beliefs and ethics of various religions.

THE 304
Contemporary Religions in America
3 credit hours

A historical survey of current religions in contemporary America. Emphasizes major beliefs and ethics of various religions.

THE 313
Systematic Theology I
3 credit hours

A study of the idea of theology, the existence and character of God, the doctrine of the Scriptures, and Christology.

THE 314
Systematic Theology II
3 credit hours

A study of the Holy Spirit, theological anthropology, and the doctrine of salvation.

THE 353
History of Christianity in America
3 credit hours

A survey of Church history in America from its begin-

ning 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 44
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 Cooperative Learning 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.

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