UNDERGRADUATE ACADEMIC CATALOG 2013-2014

OKLAHOMA CHRISTIAN UNIVERSITY

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OKLAHOMA CHRISTIAN UNIVERSITY
www.oc.edu 800.877.5010
BOX 11000 OKLAHOMA CITY, OK 73136-1100

OKLAHOMA CHRISTIAN AT A GLANCE

Oklahoma Christian University (OC) is a higher learning community that transforms lives for Christian faith, scholarship, and service.

The university is a comprehensive institution of serious academic inquiry grounded deeply in the liberal arts and the Christian faith, while also providing excellent professional, pre-professional, and graduate programs. It is affiliated with the churches of Christ, but students of all faiths are welcome. The full-time faculty and a majority of students are members of the churches of Christ. The university enrolls more than 2,000 students.

DEGREE PROGRAMS

Oklahoma Christian offers degree programs in:

ART & DESIGN
Art, Communication Design, Gaming and Animation, Interior Design, Photography + Video

BIBLICAL STUDIES
Bible, Bible and Ministry, Children's Ministry, Missions, Preaching Ministry, Youth Ministry

BIOLOGY
Biology, Cellular and Molecular Biology, Medical Technology, Biological Education

BUSINESS
Accounting, Finance, General Business, International Business, Management, Marketing Management

CHEMISTRY
Biochemistry, Chemistry, Forensic Science, Physical Science Education

COMMUNICATION
Communication Studies, Electronic Media, Journalism, Mass Communication, Organizational Communication, Public Communication and Leadership, Public Relations, Theater Performance

COMPUTER ENGINEERING

COMPUTER SCIENCE
Computer Science, Computer Science with Gaming and Animation

EDUCATION
Early Childhood, Elementary

ELECTRICAL ENGINEERING

HISTORY AND POLITICAL SCIENCE
History, History/Pre-Law, Political Science, Social Studies Education

INFORMATION SCIENCES

INTERDISCIPLINARY STUDIES
Interdisciplinary Studies, Performing Art Management

LANGUAGE & LITERATURE
English, English/Teaching English as a Foreign Language, English Education, English Pre-Law, English Writing, Spanish

MATHEMATICS
Mathematics, Mathematics/Computer Science, Mathematics Education

MECHANICAL ENGINEERING

MUSIC
Instrumental Music, Vocal Music, Music Education

NURSING

PSYCHOLOGY AND FAMILY STUDIES
Family Studies, Family Studies/Child Development, Psychology

SPORTS, WELLNESS & RECREATION MANAGEMENT

The university also offers Master of Arts and Master of Divinity degrees, a Master of Business Administration degree, and a Master of Science in Engineering degree. For information on the graduate programs, please request a graduate catalog or visit our website, www.oc.edu.

ACCREDITATION

Oklahoma Christian is accredited by:
The Higher Learning Commission of the North Central Association of Colleges and Schools
30 North LaSalle Street, Suite 2400
Chicago, Illinois 60602-2504
(800) 621-7440
www.ncahigherlearningcommission.org

ADDITIONAL ACCREDITATIONS:

The university is approved by the Oklahoma State Department of Education to recommend students for teacher certification. The teacher education programs are accredited by the National Council for the Accreditation of Teacher Education (NCATE).

The music programs are accredited by the National Association of Schools of Music (NASM).

The undergraduate and graduate business programs are accredited by the Association of Collegiate Business Schools and Programs (ACBSP).

The mechanical, electrical, and computer engineering degree programs are accredited by the Engineering Accreditation Commission of ABET, 111 Market Place, Suite 1050, Baltimore, MD 21202-4012, (410) 347-7700.

The nursing program is accredited by the Commission of Collegiate Nursing Education (CCNE).

The interior design program is accredited by the Council of Interior Design Accreditation (CIDA).

The mechanical, electrical, and computer engineering degree programs are accredited by the Engineering Accreditation Commission of ABET, 111 Market Place, Suite 1050, Baltimore, MD 21202-4012, (410) 347-7700.

EQUAL OPPORTUNITY STATEMENT:
In compliance with Title VI and Title VII of the Civil Rights Act of 1964, Executive Order 246 as amended, Title IX of The Education Amendments of 1972, Sections 503 and 504 of The Rehabilitation Act of 1973, the Americans With Disabilities Act of 1990, the Family and Medical Leave Act of 1993, the Civil Rights Act of 1999, and other Federal Laws and Regulations, Oklahoma Christian University does not discriminate on the basis of race, color, national origin, sex, age, handicap, disability, or status as a veteran in any of its policies, practices, or procedures; this includes but is not limited to admissions, employment, financial aid, and educational services. The designated coordinator is Mr. Jeff Bingham, Vice President, at (405) 425-5180, 2501 E. Memorial Road, Edmond, Oklahoma 73013.

CASCADE COLLEGE
In August 1994, OC opened Cascade College, in Portland, Oregon. Cascade College was closed in May, 2009. Oklahoma Christian University became the official repository for Cascade College, Columbia Christian College, Baker College, and Magic Valley Christian College. Academic records for these colleges may be acquired by contacting the Registrar's Office at Oklahoma Christian University.

This catalog contains official announcements of courses for the 2013-2014 academic year. Oklahoma Christian reserves the right to repeal, change, or amend the rules, regulations, and provisions contained in this catalog and may withdraw or modify the programs and courses described.

A MESSAGE FROM THE PRESIDENT

Welcome!

I am thankful that you have decided to become part of the Oklahoma Christian University family! There is no better place to launch your career and lifelong service to the Kingdom.

You will find our Christian campus environment to be welcoming and friendly, a place you can proudly call home while you earn a highly respected academic degree. Everyone at OC – from our outstanding faculty, dedicated staff, and your fellow students – is committed to ensuring that you have a wonderful, rewarding experience just like thousands of students before you.

OC is my home. I want it to be your home as well. Home is where you learn, grow, connect with others, and take some risks. Home doesn't prepare you to stay there. It prepares you for life, to be able to go out into the world and succeed. And that's the experience we want you have here. You will leave OC well prepared academically, socially, and spiritually for an effective life of service to your family, your profession, your community, and your church. And someday when you long to return home, we want you to know that you will always, always be welcomed at your alma mater.

You will, of course, get out of your experience at Oklahoma Christian exactly what you put into it. We encourage you to work hard. Our academic programs are rigorous. Your professors are well qualified and are here to help you achieve your academic objectives. They will go beyond the call of duty to ensure you succeed.

We hope you will also take advantage of the many activities available on campus. Whether you're bonding with fellow students in academic or social service clubs, enjoying weekly Bible studies, working in mission efforts, supporting our excellent intercollegiate teams, or participating in intramural sports, you will find that these activities and others will enrich your OC experience and make you a more rounded student.

Again, welcome to Oklahoma Christian. Welcome Home!

Sincerely,

John deSteiguer

PURPOSE/MISSION

The university's purpose is to transform lives for Christian faith, scholarship, and service.

VISION STATEMENT

Academically Excellent – Spiritually Vibrant – Serving Faithfully
The manifestations of this vision are:

THE OC COVENANT

Oklahoma Christian University is a higher learning community that transforms lives for Christian faith, scholarship, and service.

The values and behavior of this Christian community are derived from the Bible, rather than the prevailing culture. Because we are a higher learning community dedicated to a distinctively Christian mission, we join together in a community covenant. This covenant is not a creed demanding strict belief in its veracity and inerrancy, and it is not merely an ideal to which we aspire; rather, it is a personal commitment that while we are members of this community, we will abide by the principles and ideals set forth in the covenant. The purpose of our covenant is to unite all of us at Oklahoma Christian University – students, staff, faculty, administration, and Board of Trustees – in a Christian community that is based on biblical principles and that transforms lives for Christian faith, scholarship, and service.

We recognize that the university is not the church; however, we are a Christian community that seeks to be guided by the teachings of our Lord Jesus Christ as revealed in scripture. We welcome all students, regardless of their church affiliation, who agree to abide by this covenant. Because the university was founded by members of the churches of Christ and because we seek to serve our church constituents effectively, we expect all full-time faculty and staff to be faithful, active members of the churches of Christ who fully embrace the principles of this covenant.

OUR FOUNDATION

God interacts with this world as both Creator and Savior (Genesis 1; Hebrews 1:1-3).

The Bible is God's inspired word, which shows us the nature of God, the risen Son, and the Holy Spirit (2 Timothy 3:16; 2 Peter 1:19-21).

We seek to honor God by imitating the nature of God and His son, our Lord Jesus Christ, through the guidance of the Holy Spirit (John 13:13-17; 1 Corinthians 11:1; 1 Peter 2:21).

As members of this Christian higher learning community, we are guided by specific principles set forth in the Bible (Psalms 119:105; 2 Timothy 3:16-17).

OUR CALL

God calls us to do our best in everything we do (Colossians 3:17; Colossians 3:2).

God calls us to submit our will to His (John 15:14; James 4:7; 1 John 2:17).

God calls us to submit to one another in love (1 Corinthians 10:23-24; Galatians 5:13-14; Ephesians 5:21; Philippians 2:3-4) and to show His love through the justice, mercy, and faithfulness of our lives (Matthew 5; Matthew 23).

God calls us to live lives of holiness (Ephesians 1:4; 1 Thessalonians. 4:7; Hebrews 12:14; 1 Peter 1:15-16).

OUR COMMUNITY LIFE

We strive to honor the Lord and be Christ like in all of our conduct (Colossians 3:12-14; Titus 2:11-14).

We strive to demonstrate love and respect for everyone, even those who have views that differ from ours, and avoid conduct or language that is demeaning to others (Galatians 3:28; Philippians 2:3-4; James 2:1-13).

We strive to exercise our Christian freedom responsibly within the framework of God's word, humbly submitting to others (1 Corinthians 10:23-24; 31-33).
We strive to use wise stewardship of our mind, body, time, abilities, and resources and make thoughtful, biblically guided choices in matters of behavior, entertainment, and interpersonal relationships (Philippians 4:8).

We strive to practice honesty and integrity in everything we say and do (Colossians 3:9-10; Revelation 21:8).

We strive to treat our bodies with the honor due the temple of the Holy Spirit—honoring God's plan that sexual relations be a part of a marriage between a man and a woman, dressing modestly, and avoiding any self-destructive practices (1 Corinthians 6:19-20).

For the sake of our personal influence and our life together in Christian community, we also agree to certain community standards of conduct which are not specifically set forth in the Bible, but which enable the community to operate peaceably and in harmony with these principles and with one another. These community standards are set forth in the Student Handbook, and policy manual.

By choosing to be a part of the Oklahoma Christian community, every member of the student body, staff, faculty, and Board of Trustees affirms his or her understanding of, respect for, and commitment to abide by the principles and standards of conduct set forth in this covenant.

A CHRISTIAN COMMUNITY

A great spiritual benefit of attending OC is associating with Christian friends, faculty, and staff. Activities like those below contribute to the Christian nature of the campus.

CHAPEL

The campus meets Monday through Friday at 11 am for Chapel in Hardeman Auditorium. There also are periodic specialized chapels focusing on missions, women's issues, departmental chapels, spiritual search, and other specific topics. Chapel has been a valued OC tradition from the first days of the university. It provides a time to focus on our Creator, worship together as a community, deepen faith, and seek inspiration. Attendance is required for all full-time students, as is an atmosphere of respect for God and each other.

DEVOTIONALS

Voluntary devotionals and Bible studies are conducted on campus during the week, and there is a university-wide devotional on Monday and Thursday evenings. They provide a time for encouraging one another, learning, and building relationships.

LOCAL CONGREGATIONS

Congregations throughout the Oklahoma City area will welcome you to work and worship with them. Several nearby congregations have special teaching, fellowship, and work programs especially for OC students. Many congregations also have "adoption" programs that connect students with local families.

MISSIONS

Many students participate in mission efforts. Groups organize early in the academic year to learn the language and customs of the country to be visited and to prepare for teaching others.

Groups have gone to Germany, Belgium, Brazil, Russia, Japan, Korea, the Philippines, South Africa, Switzerland, Poland, Portugal, England, Wales, Scotland, Austria, Greece, Guatemala, Hungary, Ireland, Romania, Singapore, Australia, New Zealand, Mexico, Rwanda, and Honduras, as well as parts of the United States.

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Chair, Advancement Committee
Oklahoma City, Oklahoma

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Edmond, Oklahoma

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Luther, Oklahoma

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G. LaMoine Neal
Oklahoma City, Oklahoma

Hardeman Nichols
Dallas, Texas

Allen L. Reese
Tulsa, Oklahoma

Millie Prince Roberson
Norman, Oklahoma

Jack L. Rowe
San Diego, California

Jack M. Stephenson, M.D.
Sulphur, Oklahoma

Thomas J. Trimble. J.D.
Scottsdale, Arizona

Wayne L. Warren
Broken Bow, Oklahoma

Phil S. Winn
Branson, Missouri

ADMINISTRATIVE OFFICERS

John deSteiguer (2002)
President
B.A., Northeastern State University
J.D., Pepperdine University

Mike E. O'Neal (2002)
President Emeritus
B.A., Harding University
J.D., Stanford University

Bill Goad (1979)
Executive Vice President
Chief Operating Officer
B.S., Oklahoma Christian University
B.B.A., Abilene Christian University
Ed.D., Oklahoma State University

Scott LaMascus (1999)
Vice President for Academic Affairs
Professor of English
B.A., Oklahoma Christian University
M.A., University of Oklahoma
Ph.D., University of Oklahoma
2003 Gaylord Chair of Distinguished Teaching

Kent Allen (2008)
Senior Vice President for Advancement
Vice President for Alumni Relations
B.S., Oklahoma Christian University

Neil Arter (1990)
Vice President for Student Life
B.S., Oklahoma Christian University
M.B.A., Oklahoma Christian University

Mickey D. Banister (1994)
University Registrar
B.S., Oklahoma Christian University
M.Ed., University of Central Oklahoma
Ed.D., Oklahoma State University

Jeff Bingham, C.P.A. (1998)
Vice President for Finance
Chief Financial Officer
B.S., Oklahoma Christian University

Risa Forrester (1996)
Vice President for Enrollment Management
B.A., Oklahoma Christian University
M.Ed., Azusa Pacific University

John Hermes (1993)
Vice President for Information Technology
B.S., Oklahoma Christian University
M.S., Oklahoma State University

Donald V. Drew (2000)
Associate Vice President for Academic Affairs
Dean, Graduate Schools
Professor of Business
B.A., Oklahoma Christian University
M.H.R., University of Oklahoma
Ed.D., Oklahoma State University

FACULTY

Cami Agan (1997)
Chair, Department of Language and Literature
Professor of English
B.A., Oklahoma Christian University
M.A., Boston College
Ph.D., Duquesne University

Christopher Austin (2008)
Assistant Professor of Physics
B.S., Oklahoma Christian University
Ph.D., Oklahoma State University

Jim Baird (1992)
Professor of Bible and Philosophy
B.A., Oklahoma Christian University
M.Div., Harding Graduate School
D.Phil. (Oxon.), Oxford University
2001 Gaylord Chair of Distinguished Teaching

Mickey D. Banister (1994)
University Registrar
Professor of Education
B.S., Oklahoma Christian University
M.Ed., University of Central Oklahoma
Ed.D., Oklahoma State University

Amy Beauchamp (2005)
Assistant Professor of Art and Design
B.S., Oklahoma Christian University
M.F.A., University of Central Oklahoma

Kenneth S. Bell (2011)
Assistant Professor of Electrical and Computer Engineering
B.S., University of Connecticut
M.S., University of Connecticut

Jeffrey Bigelow (1994)
Chair, Department of Electrical and Computer Engineering
Professor of Electrical and Computer Engineering
B.S., Colorado State University
M.S., University of Illinois at Urbana
Ph.D., University of Illinois at Urbana

Rebecca Briley (2010)
Associate Professor of English
Coordinator of Composition/Rhetoric
B.A., University of Kentucky
M.A., University of Kentucky
Ph.D., University of Kentucky

Jennifer Bryan (2003)
Associate Professor of Mathematics
B.S., Oklahoma Christian University
M.S., Oklahoma State University
Ph.D., Oklahoma State University

Robert Carpenter (1998)
Professor of Missions
B.A., Princeton University
M.A., Stanford University
M.A., Abilene Christian University
Ph.D., University of California at Santa Barbara

Allison Cassady (2011)
Assistant Professor of Education
B.S., Texas A &M University
M.Ed., Texas A & M University
Ph.D., University of Texas

David Cassel (1995)
Professor of Mechanical Engineering
B.S.M.E., Louisiana Tech University
M.S.M.E., Louisiana Tech University
Ph.D., Georgia Institute of Technology

Dudley Chancey (1998)
Associate Professor of Youth Ministry
A.A., Albany Junior College
B.S., Tennessee Technological University
M.S., Abilene Christian University
Ph.D., University of Tennessee

J.J. Compton (2002)
Assistant Professor of Library Science
B.A., Oklahoma Christian University
M.L.I.S., University of Oklahoma

Mickey Cowan (2000)
Professor of Accounting
B.S., Oklahoma State University\
M.S., Oklahoma State University

David Crismon (1991)
Chair, Department of Art and Design
Professor of Art and Design
B.F.A., Kansas Art Institute
M.F.A., University of Oklahoma
2006 Gaylord Chair of Distinguished Teaching

Marissa Diller (2012)
B.S.N., Southwestern Oklahoma State University
M.S. candidate, University of Oklahoma College of Nursing

Donald V. Drew (2000)
Associate Vice President for Academic Affairs
Dean, Graduate Schools
Professor of Business
B.A., Oklahoma Christian University
M.H.R., University of Oklahoma
Ed.D., Oklahoma State University

James Dvorak (2008)
Director of the North Institute for Teaching and Learning
Associate Professor of Bible
B.A., Oklahoma Christian University
M. Div., Trinity Evangelical Divinity School
M.A., George Washington University
Ph.D., McMaster Divinity College

Kay Elder (2006)
Assistant Professor of Nursing
B.S., Oklahoma Christian University
B.S.N., University of Oklahoma, Health Sciences Center
M.S.N., University of Oklahoma, Health Sciences Center

Caren Feuerhelm (2004)
Associate Professor of Education
B.S., Oklahoma State University
M.A., Southern Nazarene University
Ed.D., Oklahoma State University

Leonard Feuerhelm (1976)
Professor of Physics
B.S., Oklahoma State University
M.S., Oklahoma State University
J.D., Oklahoma City University
Ph.D., Oklahoma State University

Stephanie Findley (1983)
Associate Professor of Physical Education
Women's Basketball Coach
B.S.E., Oklahoma Christian University
M.Ed., University of Central Oklahoma

John Fletcher (1987)
Professor of Music
B.A., Oklahoma Christian University
M.M., University of Missouri
D.M.A., University of Oklahoma
2010 Gaylord Chair of Distinguished Teaching

Loren G. Gieger (1984)
Professor of New Testament
B.A., Abilene Christian University
M.Div., Southwestern Baptist Theological Seminary
Ph.D., Southwestern Baptist Theological Seminary
1997 Gaylord Chair of Distinguished Teaching

T. Ray Hamlett (2005)
Professor of Mathematics
B.A., Arkansas College
M.S., University of Arkansas
Ph.D., University of Arkansas

Andy Harbert (1997)
Assistant Professor of Computer Science
B.S., Louisiana State University
M.S., Texas A & M University

John Harrison (2000)
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B.A., David Lipscomb University
M.A., Wheaton Graduate School
Ph.D., University of Edinburgh

Dan Hays (1983)
Professor of Physical Education
Men's Basketball Coach
B.S., Eastern New Mexico University
M.S., Eastern New Mexico University
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Randy Heath (1977)
Interim Chair, Department of Physical Education
Professor of Physical Education
Track and Field Coach
B.S.E., Oklahoma Christian University
M.Ed., University of Central Oklahoma

Shawna Hood (2007)
Assistant Professor of Nursing
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M.S., Midwestern State University

Paul Howard (2002)
Associate Professor of Mathematics
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M.S., University of Idaho
Ph.D., candidate, University of Oklahoma

Barrett Huddleston (2007)
Assistant Professor of Theater
B.A., Oklahoma Christian University
M.A., Oklahoma State University
Ph.D., University of Minnesota

Raymon Huston (2004)
Associate Professor of Political Science
B.A., Midwestern State University
M.A., Midwestern State University
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Paula Hutton (1993)
Associate Professor of Music
B.M., University of New Mexico
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Craig Johnson (2005)
Professor of Mathematics
B.S., Harding University
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Heath Jones (2001)
Professor of Music
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Jody Jones (2006)
Assistant Professor of Finance
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M.B.A., Oklahoma City University
Ed.D., candidate, Oklahoma State University

David Jurney (2012)
Instructor of Communication
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Larry Jurney (1985)
Chair, Department of Communication
Professor of Mass Communication
Director, Bridge Program
B.A., David Lipscomb University
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Elaine Kelly (1992)
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1999 Gaylord Chair of Distinguished Teaching
2006 JJ Millican Chair of Accounting

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Donald Leftwich (1979)
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Phil Lewis (1999)
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M.A., University of Denver
Ed.D., University of Houston

Gary Lindsey (2009)
Associate Professor of History
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David Lowry (2005)
Dean, College of Arts and Sciences
Professor of Communication
B.S., Abilene Christian University
M.S., Abilene Christian University
Ph.D., University of North Texas

William Luttrell (2005)
Chair, Department of Chemistry and Physics
Professor of Chemistry
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M.S., Old Dominion University
Ph.D., Eastern Virginia Medical School and Old Dominion University

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M.Phil., University of Kansas
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1991 Gaylord Chair of Distinguished Teaching

Alan Martin (2006)
Dean, College of Biblical Studies
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M.A., Abilene Christian University
Ph.D., Michigan State University

Darin Martin (2005)
Associate Professor of Education
B.A., Harding University
M.Ed., Harding University
Ed.D., Oklahoma State University

Bailey McBride (1956)
Professor of English
A.A., Central Christian College
B.A., David Lipscomb University
M.A., University of Tennessee
Ph.D., University of Tennessee
2004 Inducted into Oklahoma Education Hall of Fame
2011 Gaylord Chair of Distinguished Teaching

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Professor of History
B.S., Abilene Christian University
M.A., Sam Houston State University
Ph.D., Florida State University

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Distinguished Professor of Bible
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M.Th., Harding Graduate School of Religion
Ph.D., Baylor University
1985 Gaylord Chair of Distinguished Teaching

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Associate Professor of Business
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M.B.A., Cameron University
D.B.A., Argosy University

Al Mikell (2006)
Associate Professor of Biology
B.S., University of Alabama
B.S., University of Alabama at Birmingham
M.S., Auburn University
Ph.D., Virginia Tech University

Ken Miller (1998)
Associate Professor of Business
B.S., David Lipscomb University
M.B.A., Pepperdine University
D.B.A., University of Oklahoma

Kris Miller (1994)
Professor of Biology
B.S., Oklahoma Christian University
M.S., University of Oklahoma
Ph.D., University of Oklahoma

Robyn Miller (1997)
Chair, School of Education
Professor of Education
B.S., Oklahoma Christian University
M.A., University of Central Oklahoma
Ed.D., Oklahoma State University
2012 Gaylord Chair of Distinguished Teaching

Rhonda Morris (2008)
Associate Professor of Education
B.A., Northeastern State University
M.A., Northeastern State University
Ph.D., University of Oklahoma

Lawrence Murray (2011)
Assistant Professor of Liberal Studies
B.A., Pepperdine University
M.A., Pepperdine University
Ph.D., Alliant International University

Monica Muza (2005)
Instructor of Mathematics
B.S.E., University of Central Oklahoma
M.S., University of Central Oklahoma
Ph.D. candidate, University of Oklahoma

Gail Nash (1998)
Associate Professor of English
B.A., Oklahoma Christian University
M.A., Oklahoma State University
Ph.D., Oklahoma State University

Byron Newberry (2001)
Chair, Graduate School of Engineering
Associate Professor of Mechanical Engineering
B.S.M.E., Oklahoma Christian University
M.S.M.E., University of Michigan
Ph.D., University of Michigan

Ryan Newell (1992)
Chair, Department of Psychology and Family Studies
Professor of Psychology
A.A., Ohio Valley College
B.S., Oklahoma Christian University
M.Ed., University of Central Oklahoma
Ph.D., University of Toledo

Amanda Nichols (2008)
Assistant Professor of Chemistry
B.S., Oklahoma Christian University
Ph.D., Oklahoma State University

R. Stafford North (1952)
Distinguished Professor of Bible
B.A., Abilene Christian University
M.A., Louisiana State University
Ph.D., University of Florida
1997 inducted into Oklahoma Education Hall of Fame

Michael O'Keefe (1981)
Professor of Art and Design
B.A., Harding University
B.S., Harding University
M.F.A., University of North Texas

Becky O'Neal (2009)
Assistant Professor of Nursing
B.S., University of Central Oklahoma
M.S., University of Oklahoma

John Osborne (2000)
Assistant Professor of Communication
Director of International Programs
B.S., Oklahoma Christian University

Lee Anne Paris (1998)
Associate Professor of Library Science and Reference Librarian
B.A., Vanderbilt University
M.S., University of Oklahoma
Ph.D., University of North Carolina

Philip Patterson (1981)
Distinguished Professor of Communication
Advisor, Talon
B.A., Lubbock Christian University
M.A., Abilene Christian University
Ph.D., University of Oklahoma
1988 Gaylord Chair of Distinguished Teaching

Joseph Paul (2006)
Assistant Professor of Business
B.A., OU, India
M.Comm., OU, India
M.B.A., Texas A & M, Commerce
D.B.A., Argosy University

Eric Phelps (2008)
Assistant Professor of Biology
B.S., Oklahoma Christian University
Ph. D., University of Oklahoma

Kevin G. Plumlee (2012)
Assistant Professor of Mechanical Engineering
B.S., Oklahoma Christian University
M.S., Texas A&M University
Ph.D., Texas A&M University

Jeff Price (2009)
Professor of Art and Design
B.F.A., University of Oklahoma
M.F.A., Virginia Commonwealth University

Lindsay Prugh (2008)
Assistant Professor of Mathematics
B.S., Oklahoma Christian University
M.S., University of Central Oklahoma
Ph.D. candidate, University of Oklahoma

Kyle R. Pullen (2012)
Associate Professor of Music
B.S., University of Houston
M.S., University Of Houston
Ph.D., Claremont Graduate University

Philip Reagan (1979)
Director, Oklahoma Christian Theater
Associate Professor of Speech and Theater
B.A., Harding University
M.A., Memphis State University

Charles Rix (2011)
Associate Professor of Bible
B.B.A., Abilene Christian University
M.A., American Graduate School of International Management
M.A., New Brunswick Theological Seminary
Ph.D., Drew Theological School, Graduate Division of Religion

Kerianne Roper (2004)
Associate Professor of Business
B.S., Oklahoma Christian University
M.B.A., University of Oklahoma
D.B.A., Anderson University

Chris Rosser (2009)
Assistant Professor of Library Science
Theological Librarian
B.S., Oklahoma Christian University
M.L.I.S., University of Oklahoma
M.Div., Oklahoma Christian University

William W. Ryan (2001)
Professor of Engineering Sciences
B.A., California State College
M.A., Sam Houston State College
Ph.D., University of Texas

Beth Scott (2006)
Assistant Professor of Nursing
B.S., University of Central Oklahoma
M.S.N., University of Oklahoma Health Sciences Center

Jeffrey Simmons (2008)
Chair, Department of Management/Marketing
Associate Professor of Business
B.S., Oklahoma Christian University
M.I.M., Thunderbird School of Global Management
D.B.A., Nova Southeastern University

Burton Smith (2003)
Professor of Marketing
B.S., Oklahoma State University
M.S., Oklahoma State University
Ed.D., Oklahoma State University
2009 Gaylord Chair of Distinguished Teaching

Pat Smith (2006)
Associate Professor of Electrical and Computer Engineering
B.S., University of Oklahoma
M.S., Colorado State University

Daniel Sorensen (2011)
Assistant Professor of Accounting
B.A., University of Nebraska
M.B.A., Vanderbilt University
D.B.A. candidate, Anderson University

Willie Steele (2005)
Professor of English
B.A., David Lipscomb University
M.A., Middle Tennessee State University
Ph.D., Indiana University of Pennsylvania

Grant Testut (2011)
Assistant Professor of Bible
B.A., David Lipscomb University
M.Ph., Hebrew Union College
Ph.D., Hebrew Union College

Kathy Thompson (1993)
Chair, Department of Music
Professor of Music
B.M.E., Abilene Christian University
M.M., University of Oklahoma
Ph.D., University of Oklahoma

Dara Tinius (2009)
Instructor of Library Science
B.A., Oklahoma Christian University
M.L.S., University of Oklahoma

Timothy VanWagoner (2007)
Chair, Department of Biology
Associate Professor of Biology
A.S., York University
B.S., Oklahoma Christian University
Ph.D., University of Oklahoma

Howard Vogel (2005)
Associate Professor of Chemistry
B.S., University of Texas
Ph.D., Texas Tech University

David Waldo (1996)
Professor of Electrical and Computer Engineering
B.S., Texas A & M University
Ph.D., Drexel University

Tina Ware (1998)
Professor of Spanish
B.A., Baylor University
M.A., Baylor University
Ph.D., Texas Tech University

W. Joe Watson (1989)
Professor of Electrical and Computer Engineering
B.S.E.E., Oklahoma State University
M.S.E.E., Oklahoma State University

Josh Watson (2008)
Assistant Professor of Communication
B.A., Freed Hardeman University
M.A., East Tennessee State University
Ph.D. candidate, University of Oklahoma

Paul W. (Wayne) Whaley (1989)
Chair, Department of Mechanical Engineering
Professor of Mechanical Engineering
B.S., Oklahoma State University
M.S., Oklahoma State University
Ph.D., Oklahoma State University

Tamie Willis (1986)
Director of the Library
Associate Professor of Library Science
Periodical Research Librarian
B.S., West Texas State University
B.S.E., University of Central Oklahoma
M.L.S., University of Oklahoma

Tina Winn (2010)
Associate Professor of Psychology
B.S., Oklahoma Christian University
M.Ed., Northwestern State University
Ed.D., Oklahoma State University

Richard A. Wright (2006)
Chair, Graduate Bible Department
Associate Professor of Bible
B.Mus., Oberlin Conservatory
A.B., Oberlin College
M.A., Abilene Christian University
M.T.S., Southern Methodist University
Ph.D., Brown University

TUITION / SPECIAL FEES / ROOM AND BOARD 2013-2014

TUITION – FALL/WINTER/SUMMER

FULL-TIME STUDENTS, PER SEMESTER

12-17 semester hours	$9,400
Hours over 17, per semester hour	$553
Part-time students (fewer than 12 hours), per semester hour	$783
Concurrent students, per course	$565
Summer school, per semester hour	$370*
*Scholarships do not apply in the summer.	
Audit fees per semester hour	$50

SPECIAL FEES

Admission Fee (paid at first enrollment only – not refundable)		$25
Parking Permit, Original		N/C
Additional or replacement, each		$5
ID Activity Card and Replacement, each		$20
Health Insurance Premium	08/19/13 thru 01/06/14	$TBD
Health Insurance Premium	08/19/13 thru 08/18/14	$TBD
Health Insurance Premium	01/06/14 thru 08/18/14	$TBD
Health Insurance Premium	05/01/14 thru 08/18/14	$TBD

(required of all students who have not given proof of insurance to Health Center for the fall semester by September 30, 2013, and for the spring semester by February 10, 2014.)

RESIDENCE HALLS

HONORS HOUSE AT DAVISSON EAST AND WEST	ANNUAL	SEMESTER
Shared room	$4,000	$2,000
Private room	$5,250	$2,625
WILSON WEST, & EAST, GUNN-HENDERSON WEST & EAST, TINIUS WEST		
Shared room	$3,000	$1,500
Private room (if available, per semester additional)		$800
TINIUS EAST		
Shared room	$3,700	$1,850
Private room with semi-private bath	$5,250	$2,625
FAILS, WARLICK		
Shared room	$3,500	$1,750
Shared room with semi-private bath	$4,100	$2,050
Private room	$4,920	$2,460
Private room with semi-private bath	$5,250	$2,625
UNIVERSITY HOUSE NORTH & SOUTH		
Shared room with semi-private suite	$4,200	$2,100
Private room with semi-private suite	$5,580	$2,790

MEAL PLAN OPTIONS-RESIDENCE HALLS

Unlimited full meal plan	$3,500	$1,750
300 meals per semester (20 meals/week)	$3,200	$1,600
270 meals per semester (18 meals/week)	$3,100	$1,550
210 meals per semester (14 meals/week)	$2,600	$1,300
180 meals per semester (12 meals/week)	$2,300	$1,150

Note: All undergraduate students, excluding married students, living in OC housing are required to select a meal plan.

UNIVERSITY VILLAGE APARTMENTS

PHASES 3-4	ANNUAL	SEMESTER
One bedroom, shared (2 people)	$3,500	$1,750
Renovated, shared (2 people)	$4,800	$2,400
Two bedrooms, shared (2 people per room)	$3,200	$1,600
MCNALLY HOUSE - PHASE 5		
Shared	$4,750	$2,375
Private room	$5,570	$2,785
PHASE 6		
One bedroom, shared (2 people)	$5,350	$2,675
Two bedrooms, private (1 person per room) if available	$5,570	$2,785

MEAL PLAN OPTIONS-APARTMENTS (UNIVERSITY VILLAGE ONLY)

75 meals per semester (5 meals/week)	$1,050	$525
105 meals per semester (7 meals/week)	$1,400	$700
180 meals per semester (12 meals/week)	$2,300	$1,150
210 meals per semester(14 meals/week)	$2,600	$1,300
270 meals per semester (18 meals/week)	$3,100	$1,550
300 meals per semester (20 meals/week)	$3,200	$1,600
Unlimited full meal plan	$3,500	$1,750

Note: All undergraduate students, excluding married students, living in OC housing are required to select a meal plan.

MARRIED STUDENT HOUSING

PHASE 2	
One bedroom, unfurnished	$600 per month
Two bedrooms, unfurnished	$720 per month
PHASE 6	
One bedroom/One bath – 706 square feet, unfurnished (includes washer & dryer)	$755 per month
Two bedrooms/Two baths – 850 square feet, unfurnished (includes washer & dryer)	$915 per month

Phase 6 has limited covered parking available for $25 per month

All housing areas include cable service.

FINANCIAL INFORMATION

Because many students need financial help to attend a university, Oklahoma Christian provides a wide variety of financial aid programs. Money for higher education is available from a variety of sources, including federal aid programs, state aid programs, loans, grants, scholarships, and on-campus and off-campus jobs.

The Free Application for Federal Student Aid (FAFSA) determines eligibility for aid. The application form is available online at www.fafsa.gov or from the Student Financial Services Office.

As a private university, OC does not charge out-of-state tuition.

TYPICAL EXPENSES

As is the case in virtually all private institutions, you pay for only part of the total cost of your education. Because OC is a private university that receives no state support, additional funds are donated by individuals and firms interested in the programs that OC offers. Most students who attend OC will incur the following expenses:

Tuition (12-17 semester hours), per semester	$9,400.00
Average room cost for freshmen, per semester	$1,780.50
Meal Plan, 210 meals	$1,300.00
Total	$12,480.50

The tuition charge of $9,400 per semester is for 12 to 17 semester hours. All course fees are included in this tuition except for private music lessons and nursing clinicals. Those enrolling in more than 17 credit hours per semester pay $553 for each hour above 17.

PAYMENT

PAYMENT PLAN FORM

Students who pre-enroll will receive an electronic payment plan soon after the receipt of their award letters. All students will be required to complete the payment plan form before classes begin. Payment of expenses may be arranged under one (or a combination) of four payment plans:

PLAN 1 – CASH AT ENROLLMENT

This is the best form of payment because it eliminates all service charges. Students should be prepared to make payment for tuition, fees, and room/board on the day of registration each semester. Checks should be made payable to OC. The total cost, excluding financial aid, is approximately $12,487.50. The university also accepts four major credit cards (American Express, Discover, MasterCard, and Visa), which can be used to pay any part of the total student charges. Those who pay with a credit card will be charged a 2.75% convenience fee.

PLAN 2 – INSTALLMENT PAYMENT PLAN

This monthly payment plan is available through the student's online account at http://my.oc.edu. There is a contract fee of $50. The first payment is due upon enrollment in the payment plan. No finance charges are assessed to the student's account as long as the contract payments are made on time each month. Yearly costs may be paid in 8, 9, or 10 months depending on the enrollment date. For a 10 month payment plan, the student or parent must enroll before July 25. Students can access their student account by clicking on "Student Account Online" located on MyOC under Quicklinks. Students may also grant their parent(s) access by assigning a Parent Pin from their Student Account Online.

PLAN 3 – PARENT LOAN FOR UNDERGRADUATE STUDENTS (PLUS)

This fixed interest rate loan of 7.9% is available to the parents of undergraduate, dependent students enrolled in at least a half-time course of study. The amount available is determined by the cost of education less the amount of other financial aid the student receives. Interest begins accruing when the loan is disbursed, and repayment begins 60 days after the loan is fully disbursed. Parents may also defer repayments until their child has graduated or ceased attending at least half-time. The Student Financial Services Office must certify eligibility for the loan. Please contact the Student Financial Services Office or visit www.oc.edu/loans for additional information regarding this loan.

PLAN 4 – ALTERNATIVE LOANS

Various student loans are available to students through private lenders. More information is available through the Student Financial Services Office. For more information, visit www.oc.edu/loans.

For a complete listing of OC's financial policies, please visit www.oc.edu/financial.

REFUND POLICY

WITHDRAW/DROP REFUND POLICY

Tuition and general fee refunds are made to students who officially withdraw from a regular 15-week course or from the university before the fourth week of a semester. Refunds are given as follows:
If the withdrawal date is in the first week, a 100% refund will be made.

If the withdrawal date is in the second week, a 75% refund will be made.

If the withdrawal date is in the third week, a 50% refund will be made.

After the third week, no refunds will be made.

Tuition and general fee refunds are made to students who officially withdraw from all other courses by the second day of class. Refunds are given as follows:
If the withdrawal date is on the first day, a 100% refund will be made.

If the withdrawal date is on the second day, a 50% refund will be made.

After the second day, no refunds will be made.

FEDERAL FINANCIAL AID PROGRAMS
APPLYING FOR AID

Interested students should complete a Free Application for Federal Student Aid and the admissions application. Determination of the student's eligibility is based on family size, the number in college, income, resources, obligations, and the cost of the university. All information contained in these documents is held in strict confidence. The resulting financial aid report determines eligibility for a Federal Pell Grant, Federal Supplemental Education Opportunity Grant, Federal Perkins Loan, Federal Work Study, Federal Direct Loan, Oklahoma Tuition Equalization Grant, and Oklahoma Tuition Aid Grant.

GRANT PROGRAMS

Federal Pell Grants are available to students. Eligibility is determined on the basis of need as defined by the Pell Grant Program Division of the U.S. Office of Education. Federal Supplemental Educational Opportunity Grants (SEOG) also are available to students. Pell Grant recipients are to receive priority consideration for SEOG awards.

Oklahoma Tuition Aid Grants and Oklahoma Tuition Equalization Grants also are available to students. Eligibility is determined by the Oklahoma State Regents for Higher Education. Recipients must be legal residents of Oklahoma.

LOAN PROGRAMS

FEDERAL PERKINS LOANS are available for eligible students at 5.0% simple interest. A student may borrow up to $5,500 a year. There is no interest payment while the student is enrolled at least half-time. Repayment begins nine months after the student ceases to be at least half-time. The loan must be repaid within 10 years from the date payment begins. OC serves as the lender.

FEDERAL DIRECT LOANS are available for eligible students at a fixed interest rate. Subsidized and unsubsidized Direct Loans have a fixed interest rate of 6.8%. Students may borrow up to $5,500 a year as a freshman, $6,500 a year as a sophomore, and $7,500 a year as a junior or senior. A loan application must be completed in addition to the FAFSA. Repayment begins six months after the student ceases to be enrolled at least half-time. There are two forms of the Federal Direct Loan. The Federal Subsidized Direct Loan is based on a student's need, and the government pays the interest while the student is in school. The Federal Unsubsidized Direct Loan is based on the university's cost of attendance. The limit of unsubsidized takes into account the amount of subsidized received. The government does not pay interest on the unsubsidized loan while the student is in school. The student can choose to pay interest quarterly or add it to the loan principal.

PARENT LOANS
Federal Parent Loans for Undergraduate Students (PLUS Loans) are unlike all the previously mentioned federal aid programs regarding eligibility criteria. Family finances are not a determining factor for PLUS loan eligibility. There is no income restriction whatsoever. Financial aid received by the student and the cost of attendance will determine eligibility. Students who have little or no eligibility for the other federal aid programs may find the PLUS loan very beneficial. A PLUS loan may help a student pay the difference between the cost of attendance and other estimated financial aid resources. Repayment begins 60 days after the loan is disbursed, or parents may also defer repayments until their child has graduated or ceased attending at least half-time. For more information, contact the Student Financial Services Office or visit www.oc.edu/loans.

FEDERAL WORK PROGRAM
Federal Work-Study (FWS) is an on-campus work program that allows you to earn a portion of your university expenses. Jobs include work in the cafeteria, library, maintenance office, and administrative offices. Generally you can work an average of 8 hours per week. Pay is at minimum wage. Awarding of FWS only indicates eligibility. You are responsible for finding a job. Job openings are posted online on the university's website at www.oc.edu/campusjobs.

SCHOLARSHIP AND AID PROGRAMS
OC offers scholarships for students planning to attend the university based on financial need and merit. Information regarding available scholarships can be found at www.oc.edu/scholarships. Application forms are available through the Admissions Office and at www.oc.edu/admissions.

Presidential Academic Success Scholarships (PASS) reward academic achievement tied to outstanding student performance on the ACT and SAT college entry tests. To retain these awards, you must maintain a 2.8 cumulative GPA. All academic awards are reviewed on an annual basis for each class.

National Merit Scholars are coming to Oklahoma Christian in record numbers. To recognize and encourage these students to attend OC, the university makes a very generous scholarship available. Applicants may submit a copy of the award letter or National Merit certificate to the Student Financial Services Office to receive more information.

Oklahoma State Regents Scholarships are awarded to outstanding freshmen based on the sum of their ACT subscores (or SAT score). The minimum score required for the top half-percentile of students depends on different subdivisions of the population, as defined by the State Regents. Students also may qualify with nationally-recognized awards, such as a National Merit Scholar honor. The award is $4,000 per year.

ROTC SCHOLARSHIPS are awarded competitively to students desiring to earn an Army or Air Force officer's commission while earning a baccalaureate degree. They are awarded on the basis of academic achievement, ACT score, physical examination, and interview data. The scholarship provides full tuition, books, and laboratory fees. Army scholarship recipients receive military instruction through an agreement with the University of Central Oklahoma. Application forms and more information may be obtained from Army ROTC, University of Central Oklahoma, Edmond, OK 73034; (405) 974-5167.

AIR FORCE SCHOLARSHIP recipients receive military instruction through an agreement with the University of Oklahoma. This arrangement gives students the opportunity to join Air Force ROTC while attending Oklahoma Christian. The cooperative agreement with the University of Oklahoma exempts OC students from paying fees and insurance at OU. The only cost to the student is for the ROTC credit. Classes meet on the OU campus. AFROTC offers a variety of scholarships in pre-nursing, computer science, engineering, and other majors offered at OC. After completing a degree and the AFROTC program, a student will be commissioned as an officer in the U.S. Air Force and will also have a guaranteed job after graduation. Application forms and further information may be obtained from Air Force ROTC, Detachment 675, University of Oklahoma, Norman, OK 73019-0604; (405) 325-3211.

Employment opportunities are available for students who desire work, but do not qualify for Federal Work-Study programs. On-campus and off-campus job opportunities are posted on the university's website at www.oc.edu/jobs.

OTHER AID PROGRAMS

JOHN B. WHITLEY/STUDENT GOVERNMENT ASSOCIATION LOAN FUND
This fund is maintained through the Office of Student Life. Loans up to $50 are available to students for a period of one month at a $.50 interest fee per loan. Repayment of loans is set on a 30-day basis, with a default charge of $10. The fund was established by the residents of the OC men's residence halls and Mr. and Mrs. Francis Whitley of Riddleton, Tennessee, in memory of their son, an OC student in the 1960s.

VETERANS PROGRAMS
Assistance is available to veterans who have served in the U.S. Armed Forces for more than six months of active duty. Students should check with their regional Veterans Administration Office.

Disabled veterans are handled through a separate program by the VA. To assist disabled veterans in receiving additional benefits, the VA set up a counseling program. Children of veterans may be eligible for some benefits. You should check with the VA office to determine if you qualify as a war orphan or as a child of a veteran.

BIA GRANTS
The Bureau of Indian Affairs can provide applications for grants. You must contact your tribe to determine eligibility criteria.

VOCATIONAL REHABILITATION PROGRAMS
Vocational rehabilitation assistance is available to qualified applicants. High school counselors should be contacted for the address of local vocational rehabilitation counselors.

SALT PROGRAM/AMERICAN STUDENT ASSISTANCE
Oklahoma Christian partners with American Student Assistance to offer a software tool called SALT at no cost to our students and recent alumni. SALT's exclusive features enable students to:

- Search for scholarships they may be eligible to receive.
- Search for thousands of jobs and internships by keyword and location.
- Track their student loans in one place with a personal loan dashboard.
- Become more savvy spenders with members-only discounts.
- Boost their financial smarts using interactive lessons, videos, articles, and infographics.

Visit www.oc.edu/saltmoney to login to SALT. Just click on the "Sign Up" button, select Oklahoma Christian as your school, and you're on your way.

For more information on financial aid or scholarships, please visit the Student Financial Services Office website at www.oc.edu/financial.

FOR MORE INFORMATION

For answers to questions or for an application, please write or call:
Office of Admissions
Oklahoma Christian University
P.O. Box 11000
Oklahoma City, OK 73136-1100
(405) 425-5050 or (800) 877-5010
http://www.oc.edu/admissions

FOR INFORMATION ON GRADUATE STUDIES

For information on the Master of Divinity or the Master of Arts degree, contact the Graduate School of Theology at josh.bailey@oc.edu or call (405) 425-5389.

For information on the Master of Business Administration degree, contact the School of Business Administration at charlie.walker@oc.edu or call (405) 425-5562.

For information on the Master of Science in Engineering degree, contact the School of Engineering at stephanie.baird@oc.edu or call (405) 425-5579.

ACADEMIC POLICIES

ADMISSION

To be accepted to Oklahoma Christian University, students must complete the following steps:

FOR HIGH SCHOOL STUDENTS:

1. Submit a completed application for admission and $25 non-refundable application fee.

2. Submit a current high school transcript.

3. Submit an ACT or SAT score.

4. Submit a Character Recommendation Form completed by a third-party, non-family member.

Eligible high school juniors may obtain early admission to OC and attend the summer session before their senior year and/or concurrent courses during their senior year of high school.

To be granted full admission to Oklahoma Christian, high school students must submit an official high school transcript that shows evidence of graduation.

FOR APPLICANTS OVER 18 WHO HAVE NOT GRADUATED FROM HIGH SCHOOL:

Submit a completed application for admission and $25 non-refundable application fee.

Submit evidence of having passed the GED test.

Submit an ACT or SAT score.

Submit a Character Recommendation Form completed by a third-party, non-family member.

FOR TRANSFER STUDENTS FROM OTHER COLLEGES OR UNIVERSITIES:

Submit a completed application for admission and $25 non-refundable application fee.

Submit an official high school transcript (waived for students who have completed 24 or more semester hours of accredited college credit).

Submit official academic transcripts from all colleges and universities previously attended.

Transfer students must be eligible to re-enter schools previously attended. Transfer credits will be accepted from regionally-accredited colleges and universities upon approval of the Registrar. A maximum of 65 semester hours from community colleges may be applied toward degree requirements.

FOR TRANSFER STUDENTS FROM PREACHER TRAINING SCHOOLS:

Submit a completed application for admission and $25 non-refundable application fee.

Submit an official high school transcript (waived for students who have completed 24 or more semester hours of accredited college credit).

Submit a complete official transcript from the preacher training school attended. Submit a letter of recommendation from the Academic Dean of the preacher training school.

Submit official academic transcripts from any other colleges and universities previously attended.

FOR INTERNATIONAL STUDENTS:

Complete the application for admission online at www.oc.edu/apply. A $25 non-refundable application fee will be required before submitting the online application. This School is authorized under Federal Law to enroll nonimmigrant students.

PROOF OF ENGLISH PROFICIENCY

Applicants who have not studied in an English-speaking country must take the Test of English as a Foreign Language (TOEFL), or International English Language Testing Service (IELTS) and arrange for the testing agency to send the test results to Oklahoma Christian University. The required TOEFL score is 500 PBT (61 iBT) and IELTS is 6.0. No TOEFL or IELTS score is necessay for enrolling in the intensive English language program.

ACADEMIC DOCUMENTATION

Original or officially certified copies of all grade reports for all secondary and higher education studies, as well as original or officially certified copies of all academic diplomas, certificates, and national or other major examination results must be submitted, along with an official English translation certified by the educational institution.

FINANCIAL DOCUMENTATION

An applicant must provide proof of adequate funds, $26,755 per year, to live and study full time at Oklahoma Christian University. Applicants must submit a completed Financial Worksheet accompanied by an original bank verification letter or statement. The U.S. government requires this certification before Oklahoma Christian University can issue the appropriate U.S. government forms necessary for obtaining a visa at a U.S. embassy or consulate.

STATEMENT OF UNDERSTANDING

An applicant must submit Oklahoma Christian University's Statement of Understanding outlining rules and expectations of the University.
Once the above documents have been received and approved, a Certificate of Eligibility for Non immigrant (F-1) Student Status Form I-20 can be issued for those students requiring a student visa.

TRANSFER STUDENTS

A Transfer Release Form is required for students transferring from another U.S. college or university. It must be signed by the applicant and completed by the current institution which holds the student's current I-20 record. Please note that students must hold legal status in the United States to be eligible for admission.

ADMISSION TO OC

Upon admission, first-time students and transfer students will receive health and immunization forms, a housing request form, an I-20, and F-1 visa instructions from the Office of International Programs at Oklahoma Christian University.

OC provides a wide range of support and services for international students. Assistance is provided in university enrollment, visa compliance, cross-cultural adjustment, and tutoring. You are invited to join the International-American Association, the campus association promoting cross-cultural friendships and awareness.

CLASSIFICATION OF STUDENTS

FRESHMEN
Students with fewer than 30 semester hours credit.

SOPHOMORES
Students with 30 to 59 semester hours credit.

JUNIORS
Students with 60 to 89 semester hours credit.

SENIORS
Students with 90 or more semester hours credit.

FULL-TIME
Students taking 12 semester hours or more during any semester.

SPECIAL
Students taking fewer than 12 semester hours during any semester.

AUDIT
An audit student is one who has obtained official permission to attend a course without taking it for university credit. A reduced tuition fee is charged for students who audit a course.

UNCLASSIFIED
An unclassified student is one who has applied for admission, but who has not yet been officially admitted because sufficient information has not been received. If the necessary information is not submitted within 30 days, you will be asked to withdraw.

ACADEMIC STATUS

GOOD STANDING
To be considered in good standing, you must maintain the cumulative GPA shown below:

Freshman	1.70	(D)
Sophomore	2.00	(C)
Junior	2.00	(C)
Senior	2.00	(C)

All students will have an academic status check at the end of each semester. Those who are not in good standing will be notified of their status.

ACADEMIC ALERT
If your GPA for any semester, or if your cumulative GPA, falls below the level of good standing, you will be notified and placed on academic alert. Also, students with 64 or more hours and an undeclared major will be placed on academic alert.

ACADEMIC PROBATION
If your GPA for the semester and your cumulative GPA fall below the level of good standing, you will be placed on academic probation. After two semesters of academic probation, you may not be allowed to continue at the university without permission from the Academic Appeals Committee. Students on academic probation are ineligible for intercollegiate athletic competition or for performance in other university-sponsored activities.

ACADEMIC SUSPENSION
When you have completed two semesters on academic probation without achieving the level of good standing, you may be suspended. Appeals of suspension should be addressed in writing to the Registrar, who will present the case to an academic suspension appeals committee.

A suspended student may be re-admitted once, and the re-admitted student must attain a 2.0 GPA each semester while on probation. You will be removed from probation only when a cumulative GPA of 2.0 has been reached.

The university may suspend or dismiss any student who fails to earn a GPA of at least 1.0 during a semester, regardless of classification or number of hours completed.

FINAL EXAMS

Generally, students may not reschedule final exams due to heavy testing in a single day. A student may request that his or her final examination in a class be rescheduled only where the student has more than three examinations scheduled for a single day. If a student wishes to reschedule a final exam, he or she must receive permission from the Dean of the college. Final examinations will not be given early unless approved by the Deans' Council upon a showing of extraordinary circumstances. Examples of extraordinary circumstances are non-elective surgery or being called to active duty.

GRADING SYSTEM
Most courses use the standard letter grades: A, B, C, D, and F.

A: Superior performance in which the student demonstrates:
1. A thorough knowledge and retention of the factual material of the subject.
2. A thorough understanding of the principles of the material studied.
3. A timely and accurate completion of the course requirements such as homework, term papers, etc.
4. An ability to apply and correlate the subject material to the solution of new and different problems.

B: Good performance in which the student demonstrates:
1. An above average knowledge and retention of the factual material of the subject.
2. An adequate understanding of the principles of the material studied.
3. A timely and accurate completion of the course requirements.
4. Some ability to apply and correlate the subject material to the solution of new and different problems.

C: Adequate performance in which the student demonstrates:
1. An average knowledge and retention of the factual material of the subject.
2. Some understanding of the principles of the material studied.
3. Satisfactory completion of the course requirements.

D: Poor performance in which the student demonstrates:
1. Limited knowledge and retention of the factual material of the subject.
2. Limited or no understanding of the principles of the material studied.
3. Unsatisfactory completion of the course requirements.

F: Failing performance in which the student demonstrates:
1. Little or no knowledge and retention of the factual material of the subject.
2. Little or no understanding of the principles of the materials studied, and/or
3. A failure to satisfactorily complete the course requirements.

Other grades which may be awarded are as follows:
NP: A no-passing grade in a course that does not give a letter grade.
P: A passing grade in a course that does not give a letter grade.
W: Withdrawn from a course after the fourth week and before the 12th week.
I: Granted if you have not met the requirements of the course due to illness, an emergency, or some other cause deemed reasonable by the instructor. A grade of "I" is not given when you have simply been negligent of class requirements. A grade of "I" is removed by the completion of the necessary work within six weeks after the semester ends. The professor has an option to grant an extension if warranted based on a request by you within the first six weeks. If a grade has not been submitted by the professor at the end of 12 weeks, the Registrar will convert the grade from an "I" to an "F".

The specific course requirements such as term papers, homework, attendance, special projects, and the number and scope of examinations are at the discretion of each professor. You should consult the course syllabus for the specific requirements and grading scale for each class.

If you repeat a course at OC, the higher grade only is used to compute the GPA. The original grade will remain on the transcript.

ACADEMIC HONORS

The Honor Roll recognizes students with a 3.40 (B) or above semester GPA.
The Deans' List honors those with a 3.85 (A) or above.
The President's List honors those with 4.00 (A) grades.

GRADUATE WITH HONORS

Students graduate with honors at these levels:

cum laude	3.40
magna cum laude	3.60
summa cum laude	3.85
honors fellow	3.40, with completion of honors core curriculum

POLICY ON ACADEMIC HONESTY

CHEATING

Cheating on an examination or an assignment roll sheet or any other course related work or activities undermines the ethics of the university and the specific Christian purposes of OC. Accordingly, those who cheat on examinations, or any other course related work or activities or assignments will face serious consequences, as outlined in the following policy.

PLAGIARISM

One particular form of cheating is plagiarism. Plagiarism is transmitting of another's ideas, words, or materials as one's own and/or the failure to credit accurately the ideas, words, or materials of another. Plagiarism also includes passing off the work of another (a friend, a parent, a website) as one's own. Plagiarism undermines the ethics of the academy and the specific Christian purposes of OC. Accordingly, students who engage in plagiarism in assignments submitted will face serious consequences, as outlined in the following policy.

PENALTIES FOR ACADEMIC DISHONESTY

On the first offense, the student will receive a "0" (zero) credit for the examination or assignment. For forms of cheating or dishonesty other than on examinations or assignments, the professor shall have the discretion to impose an appropriate penalty. Professors must send documentation of the first offense to the appropriate chair, the dean of the appropriate college, the Vice President for Academic Affairs, and the Dean of Students.

On the second offense, in the same course, the student will receive an "F" in the course. Professors must send documentation of the second offense to the appropriate chair, the dean of the appropriate college, the Vice President for Academic Affairs, and the Dean of Students.

At either the first offense or second offense, the student may appeal using the process set forth for grade appeals.

If you commit offenses in two or more courses, the Academic Appeals Committee may assign penalties for academic dishonesty in addition to the penalties assigned by the professors in the courses. The Committee may assign penalties up to and including suspension from the University.

Professors should maintain the highest standards of academic honesty both in and out of the classroom. Professors must apply the rules regarding cheating and plagiarism and report to the appropriate channel. The student should be referred to the OC Covenant for principles which should guide conduct in such matters.

GRADE APPEALS

Any student may appeal a final grade received in a course. To assure due process and protect the rights of both you and the professor, the appeals procedure below must be followed. Except by this process, no student-appealed grade may be changed, and no student-contested academic action by a professor may be reversed.

STEP 1 – CONTACT THE PROFESSOR

A student who disagrees with a professor on a course grade or other grade related issue must contact the professor in writing to explain the concern or complaint. If the student does not bring the matter to the professor's attention with in four weeks of the final grade report, the student loses the right to appeal. The professor has two weeks to respond to the student's appeal.

STEP 2 – APPEAL TO THE CHAIR

If interaction with the professor does not resolve the issue, the student has two weeks from that response to appeal to the chair of the professor's school or department. Otherwise, you lose the right of appeal and the issue is considered closed. If the professor is the chair, you will take the appeal to the dean.

The appeal must include a written description of the circumstances as understood by the student. Two copies of this written appeal must be given to the chair in a private interview. The chair will give one copy of the student's appeal to the professor and request any supporting documentation from the professor. The chair will discuss the complaint with the professor and, where appropriate, with other students.

The chair will make a decision as soon as is reasonably practicable, but in no event longer than four weeks from the date of receipt of the appeal, and will communicate that decision in writing to the student.

After receiving the appeal, the chair has two options: the chair may make the decision and explain it to the student and the professor within two weeks or, if the chair considers the matter sufficiently serious or complex, the chair may take the matter to the dean of the professor's college for further review and response.

STEP 3 – APPEAL TO THE DEAN

If the chair makes the decision, and if the student or the professor is not satisfied that the chair's decision is fair and just, either may appeal to the dean of the professor's college within one week of the decision by the chair.

After receiving the appeal, the dean has two options: the dean may make the decision and present it in writing to the student, the professor, and the chair within four weeks or, if the dean considers the matter sufficiently serious or complex, the dean may take the matter to the Academic Appeals committee.

STEP 4 – APPEAL TO THE ACADEMIC APPEALS COMMITTEE

If the dean makes the decision, and if the student or the professor are not satisfied that the dean's decision is fair and just, either may initiate an appeal to the Academic Appeals Committee by notifying the Vice President for Academic Affairs in writing of the appeal within one week of the dean's decision. The dean will present a copy of the original appeal and any documents submitted by the professor or gathered in evidence prior to the dean's decision.

The Academic Appeals Committee may discuss the matter with the student and professor individually. The Academic Appeals Committee will decide the matter as soon as is reasonably practicable, but in no event longer than four weeks after the matter is submitted to it. After review, the decision of the Academic Appeals Committee is final and must be reported in writing to all involved parties by the Vice President for Academic Affairs.

The time periods noted above may, in each instance, be extended due to extenuating circumstances or when the time period runs during school holiday periods, such as Christmas or summer break.

FAMILY EDUCATIONAL RIGHTS AND PRIVACY ACT

The Family Educational Rights and Privacy Act (FERPA) affords you certain rights with respect to your education records:

The right to inspect and review your education records.

The right to request the amendment of your education records to ensure that they are not inaccurate, misleading, or otherwise in violation of your privacy or other rights.

The right to consent to disclosures of personally identifiable information contained in your education records, except to the extent that FERPA authorizes disclosure without consent.

The right to file with the U.S. Department of Education a complaint concerning alleged failures by the university to comply with the requirements of FERPA. The right to obtain a copy of the university's student records policy. You may obtain a copy of the policy from the Office of the Registrar in Cogswell-Alexander Hall. You will be notified annually of these rights in the Catalog and the Student Handbook.

STUDENTS WITH DISABILITIES

OC seeks to be learner-friendly for students with disabilities. If you have diagnosed disabilities, you should direct your inquiries to Amy Janzen at (405) 425-5907. Disability documentation must be provided from an appropriately qualified professional (i.e., physician, psychiatrist, or psychologist). Each semester, you must meet with Ms. Janzen to establish a specific accommodation plan. OC seeks to be helpful and cooperative. Nevertheless, the responsibility for learning rests with you; and you must take the initiative to arrange for the accommodations. For specific policies, see the ADA Handbook, which is available in the Office of Student Life.

CLASS SCHEDULING

The university makes every reasonable effort to offer all classes for which registration has occurred. There are times, however, when insufficient enrollment in the class makes it necessary for the university to cancel the section. There are times when you may attempt to register for a class that has already filled. Once a class is filled, students may place themselves on the waiting list for that particular section. Please keep these situations in mind as you schedule classes needed to complete your degree.

DROP AND ADD PROCEDURES

DROPPING A CLASS

To drop a class you must do the following:

- Get your advisor's signature on a change in enrollment form.
- Get your professor's signature, unless the drop is made before the last day to add classes.
- Take the drop/add slip to the Office of the Registrar.

SEMESTER DROP SCHEDULE

Weeks 1-4	No record of dropped course
Weeks 5-12	"W" recorded for dropped course
After Week 12	No dropping of course

Note: Freshmen and sophomores must enroll in a Bible course each semester. These classes may not be dropped.

You may withdraw from a course(s) through week 12 of the semester with a grade of "W" recorded on the transcript. Drop and add deadlines are published in the official class schedule for each semester and in the catalog calendar.

DROP/ADD DATES FOR SPECIFIC TYPE OF CLASS STRUCTURE

Based on 15 hours of "seat time" per credit hour offered

REGULAR 15-WEEK TERM:

Cannot add after the 1st week of class
Can drop without a grade of "W" week 1-4
Can drop with a grade of "W" week 5-12
Cannot drop after week 12

ONE-WEEK COURSE – MEETS 5 TIMES: EACH CLASS = 3 WEEKS

Cannot add after the 1st class meets
Can drop without a grade of "W" day 1
Can drop with a grade of "W" day 2-4
Cannot drop after day 4

TWO-WEEK COURSE – MEETS 10 TIMES: EACH CLASS = 1½ WEEKS

Cannot add after 1st class meets
Can drop without a grade of "W" days 1-2
Can drop with a grade of "W" days 3-8
Cannot drop days 9-10

THREE-WEEK COURSE – MEETS 6 TIMES: EACH CLASS = 2½ WEEKS

Cannot add after 1st class meets
Can drop without grade of "W" days 1-2
Can drop with a grade of "W" days 3-4
Cannot drop days 5-6

THREE-WEEK COURSE – MEETS 12 TIMES: EACH CLASS = 1¼ WEEKS

Cannot add after 1st class meets
Can drop without grade of "W" days 1-3
Can drop with a grade of "W" days 4-9
Cannot drop days 10-12

THREE-WEEK COURSE – MEETS 15 TIMES: EACH CLASS = 1 WEEK

Cannot add after 1st class meets
Can drop without a grade of "W" days 1-4
Can drop with a grade of "W" days 5-12
Cannot drop days 13-15

FOUR-WEEK COURSE – MEETS 20 TIMES: EACH CLASS = ¾ WEEK

Cannot add after day 2
Can drop without a grade of "W" days 1-5
Can drop with a grade of "W" days 6-16
Cannot drop days 17-20

ADDING A CLASS

To add a class, you must do the following:
Get your advisor's signature on a drop/add slip.
Get the signature of the Registrar if the add is made after the deadline for adding classes or if the class will raise your course load above 17 hours.
Take the drop/add slip to the Office of the Registrar.

ADDITIONAL CREDIT PROGRAMS AND TESTING

You may receive credit for certain courses or activities not taken in the traditional manner.

CREDIT BY INDEPENDENT STUDY

You may receive credit by independent study in your major with the approval of your college's dean. Professors will assign a regular grade in a course on the basis of an examination, contact with you during a period of independent study, oral reports, and/or research papers.

You should take the initiative to propose a study or project to the dean and the faculty member before enrollment. Arrangements for periodic progress checks should be made within two weeks after the semester begins. You normally will not be allowed to take by independent study a course that is regularly offered. Normally, no more than 12 semester hours in independent study may be applied toward a degree. Faculty who agree to supervise an independent study must post the syllabus for the independent study in the online site for syllabi.

EXTRACURRICULAR CREDIT

A department may request one hour of credit for an activity in which academic courses are usually given at recognized institutions. Prerequisites may be established if desired.

The course must provide some instruction in the area being served and must require a total of no fewer than 60 hours of student participation. The professor certifies with the grade that you participated the required amount of time. The grade itself indicates the quality of participation. Hours well above the minimum may be given some consideration in establishing the grade. Because some activities will not start until after registration, you may enroll for the course after the stated time; and the final grade will be the only one submitted.

CREDIT BY EXAMINATION POLICIES

ACT OR SAT EXAMS

The ACT or SAT is required of all entering freshmen except for international students. You should take the test during the regular testing periods during your junior or senior year in high school since some scholarship offers are based on test scores. College credit may be received if you achieve the ACT score required by OC for certain areas:

FOR AN ACT ENGLISH SUBSCORE OF 28 OR ABOVE, YOU WILL RECEIVE CREDIT FOR

ENGL-1113	Composition I

FOR AN ACT MATH SUBSCORE OF 28 OR 29, YOU WILL RECEIVE CREDIT FOR

MATH-1143	Elements of Math I

FOR AN ACT MATH SUBSCORE OF 30 OR HIGHER, YOU WILL RECEIVE CREDIT FOR

MATH-1143	Elements of Math I
MATH-1213	College Algebra.

Residual ACT testing is offered on an appointment basis for those who have applied for admission to Oklahoma Christian. Call (405) 425-5050 for an appointment. Residual test scores are mailed directly to the examinee with a copy being kept by OC. The testing is given through OC. Residual ACT test scores are not sent to other universities. OC may not administer ACT residual testing on the same day that a national ACT exam is administered. National registration for the ACT exam is made through the national office.

ACT registration packets are normally available at any high school. They also may be ordered by mail, by calling (319) 337-1270, or by registering online at http://www.act.org.

CLEP AND OTHER EXAMS

In addition to the possibility of receiving college credit through ACT testing, if you have had sufficient experience, training, or study in a subject area, you may apply to take College Level Examination Program (CLEP) subject exams or CLEP general exams published by the College Entrance Examination Board in order to receive academic credit. CLEP exams are offered to entering freshmen during the summer orientation programs or by special arrangement on an individual basis with IT Services – (405) 425-1803. You also may take CLEP exams after the semester begins if you meet the written guidelines. See the listing at the end of the following guidelines for CLEP exams offered and courses for which credit may be obtained.

ACT AND CLEP GUIDELINES

No waiting period is required between the time you may take the national ACT and the time you may take the residual ACT, or vice versa. However, you must wait a minimum of 60 days between taking two residual ACT exams or between taking two national ACT exams. You may take the national ACT and the residual ACT a maximum of 12 times total.

A non-refundable payment of $100 (subject to change without notice) for each CLEP exam and $35 for each residual ACT exam must be made to OC at the time the test is given. Charges will not be added to your account.
Only those who are enrolled at OC or who have been accepted for admission to the university may receive credit by examination.

A minimum of 12 semester hours must be earned in class work at OC before credit earned by examination will be recorded.

You may not attempt credit by examination for courses that you have audited or in which you are, or have been, enrolled and in which you have attended any classes at OC or any other university. If you wish to take a CLEP exam for credit in a course in which you are currently enrolled, then you must drop the course within the first week of the semester.

You may attempt to receive credit by CLEP examination again after six full months.

Except where specifically provided for by a program, credit by examination may not be given in a course sequentially lower in the department or a prerequisite to a course for which you have received credit.

You may receive up to 60 semester hours of credit by examination. The amount you may take by correspondence or extension will be reduced accordingly. Credit earned by proficiency examination does not count toward the resident requirement of 30 semester hours.

If you have taken and passed a course at an unaccredited institution and wish to validate that work through the procedures outlined in this policy, you may do so. This credit is considered equivalent to transfer work and does not satisfy the requirement calling for 30 semester hours in residence or the requirement calling for one half of the major at OC.

You must pass CLEP examinations with a score determined by the university to receive course credit at OC. Credit received is recorded on your permanent record with a grade of “P” for passing.

ADVANCED PLACEMENT EXAMINATIONS AND REQUIRED SCORES

AP COURSE	SCORE	COURSE CODE	OC COURSE
Art History	3	ARTS-2013	Survey of Visual Culture
Art/Studio/Drawing	3	ARTS-1113	Fundamentals of Drawing
Biology	3	BIOL-2013	Biology I
Biology	4+	BIOL-1214 & 1314	Botany & Zoology
Chemistry	4	CHEM-1115	College Chemistry
Computer Science A	3	CMSC-1113	Programming
Computer Science B	3	CMSC-1113 & 1123	Programming I & II
Economics/Macro	3	ECON-2113	Macroeconomics
Economics/Micro	3	ECON-2213	Microeconomics
English Language/Composition	3	ENGL-1113	Communication I
English Literature/Composition*	3	ENGL-1113	Communication I
European History	3	HIST-2923	Perspectives in Western Civilization
French, Language	3	FRNC-1113 & 1213	Beginning French I & II
German, Language	3	GERM-1113 & 1213	Beginning German I & II
Government and Politics	3	POLS-2113	Introduction to American Politics
Human Geography	3	GEOG-2113	Elements of Human Geography
Math/Calculus AB	3	MATH-2114	Calculus I with Analytical Geometry
Math/Calculus BC	3	MATH-2114 & 2214	Calculus II with Analytical Geometry
Music/Listening/Literature	3	FINE-2913	Perspectives in Fine Arts
Music Theory	3	MUSC-1112	Music Theory I
Psychology	3	PSYC-1113	General Psychology
Physics/B	3	PHYS-1114	College Physics I
Physics/C Mechanics	3	PHYS-2514	Physics I
Physics/C E&M	3	PHYS-2614	Physics II
Spanish Language	3	SPAN-1113 & 1213	Beginning Spanish I & II
Statistics	3	MATH-2913	Statistical Methods
U.S. History	3	HIST-2213 or 2223	History of the U.S. to 1877 or History of the U.S. since 1877
U.S. History	4	HIST-2213 & 2223	History of the U.S. to 1877 and History of the U.S. since 1877
World History	3	HIST-2923	Perspectives in Western Civilization
*No CLEP credit given for English Literature, ENGL-2213			

CLEP TESTS OFFERED AT OC AND REQUIRED SCORES

SUBJECT EXAMINATIONS	OC REQ. SCORE	COURSE CODE	OC COURSE
American Government	63	POLS-2113	Introduction to American Politics
Pre-Calculus	61	MATH-1213 & MATH-1523	College Algebra/Trigonometry
Calculus	64	MATH-2114	Calculus I with Analytical Geometry
College Algebra	63	MATH-1213	College Algebra
College Mathematics	62	MATH-1143	Elements of Mathematics I
History of U.S. I	56	HIST-2213	History of the U.S. to 1877
History of U.S. II	57	HIST-2223	History of the U.S. since 1877
Humanities	56	FINE-2913	Perspectives in Fine Arts
General Biology	57	BIOL-2013	Biology I
General Chemistry	65	CHEM-1115 or CHEM-1314	General Chemistry or General Chemistry for Engineers
Information Systems/ Computer Applications	60	INFO-2113	Introduction to Computers in Business
Principles of Macroeconomics	62	ECON-2113	Macroeconomic Principles
Principles of Microeconomics	64	ECON-2213	Microeconomic Principles
Introduction to Psychology	59	PSYC-1113	General Psychology
Introduction to Sociology	59	SOCI-1113	Perspectives in Sociology
Western Civilization I: Near East-1648	57	HIST-2923	Perspectives in Western Civilization
Western Civilization II: 1648-Post WWII	56	HIST-2923	Perspectives in Western Civilization
NOTE: No CLEP tests will be accepted for upper division business courses. No CLEP tests for ENGL-1113, English Composition I will be accepted.			

INTERNATIONAL BACCALAUREATE PROGRAM

Credit may be awarded to students who have taken higher-level courses in the International Baccalaureate Program and who have scored at a least a 4 (on a 7-point scale) on the higher-level course examination. Such credit generally is awarded on a course-by-course basis as recommended by the appropriate OC department. The following higher-level International Baccalaureate courses have been approved for credit without individual department review: International Baccalaureate transcripts should be submitted to the Office of the Registrar.

INTERNATIONAL BACCALAUREATE HIGHER-LEVEL COURSE	EQUIVALENT OC COURSE	MINIMUM SCORE	SEMESTER CREDIT HOURS
Biology	BIOL-1314 – General Zoology	4	4
Chemistry	CHEM-1115 – General Chemistry	4	5
Economics	ECON-2113 – Macroeconomics	4	3
Higher Mathematics	MATH-2114 – Calculus I	4	4
History-America	HIST-1223 – Turning Points in U.S. History	4	3
History-European	HIST-2923 – Western Civilization	4	3
Language A: English	ENGL-1113 – Written Communication I	4	3
Music	MUSC-2013 – Music Appreciation	4	3
Physics	PHYS-1114 – College Physics	4	4
Social Anthropology	SOCI-1113 – Introduction to Sociology	4	3

You can request transcripts through your high school International Baccalaureate coordinator for the first year after high school graduation. Thereafter, transcripts can be requested from the International Baccalaureate Program, North America, 475 Riverside Drive, Suite 1600, New York, NY 10115; (212) 696-4464. Website: www.ibo.org.

You should be aware that AP examinations, CLEP examinations, International Baccalaureate examinations, and college courses taken prior to or after enrolling at OC may be duplicative. In these cases, the university will award credit for only one.

DEPARTMENTALLY-PREPARED CHALLENGE EXAMS

Departmentally-prepared exams are extensive examinations over specific subjects or courses. Approval for the examination, the type of examination to be used, or for other work to be performed will be left to the department. Application forms are available in the Office of the Registrar.

The charge for credit under this policy will be a $20 fee for the examination, whether passed or failed, and $10 per semester hour of credit fee to record it on the transcript if it is passed. In case of validation of unaccredited work, the latter charge will not be made.

If you make a grade of "C" or above on a departmentally-prepared examination, the course will be recorded with credit given and a grade of "P" for passing. You may not attempt an examination in the same course more than one time.

RETROACTIVE CREDIT FOR FOREIGN LANGUAGE

You may begin university language study at the level appropriate to your background in the language. Upon completion of course numbers 1213, 2113, or 2123 with a grade of "B" or better or upon passing a departmentally-prepared exam, you may apply for retroactive credit for all previous courses in the foreign language sequence. The application for such credit must be approved by the professor and the department chair. You must then pay $10 per semester hour in the Office of the Registrar to have the retroactive credit recorded.

AIR FORCE ROTC CREDIT

You have a unique opportunity to join Air Force Reserve Officer Training Corps (AFROTC) while attending Oklahoma Christian. A cooperative agreement exists between OC and the University of Oklahoma (OU) that exempts OC students from paying most fees and insurance at OU. Basically, the only cost to you is for the AFROTC credit hour(s). AFROTC classes meet on the OU campus, which is approximately 45 minutes from OC.

AFROTC offers a variety of scholarships in computer science, engineering, and other majors that you can pursue at OC. After completion of the degree and the AFROTC program, you will be commissioned as an officer in the United States Air Force and also have a guaranteed job after graduation. For more information, contact the University of Oklahoma.

ARMY ROTC CREDIT

Two-, three-, and four-year programs are available to you through a cooperative agreement between Oklahoma Christian and the University of Central Oklahoma (UCO). This allows you to commute to UCO and attend Army ROTC classes while continuing to pursue your degree at OC.

Through the Army Reserve Officers' Training Corps Program (ROTC), the Department of Military Science offers two programs. After completion of the degree and the ROTC program, you will be commissioned as an officer in the United States Army, the Army Reserves, or the Army National Guard. For more information, contact UCO.

CLASS ATTENDANCE

CLASS PERIODS

Class periods and class formats vary according to the number of credits given for the course. Typically, three-hour courses meet for three 50-minute periods a week, two-hour courses meet twice a week, and one-hour courses meet once a week. Another common pattern for three-hour courses is to meet two periods per week at one hour and 15 minutes each. With the university's approach to instruction, however, many variations on this standard plan for class meetings give variety in scheduling. The achievement expected of you, however, still conforms to the expectation implicit in the awarding of semester hours credit.

ABSENCE POLICY

Attendance policies and penalties rest under the purview of the professor. Those professors who require attendance for your course must detail those requirements and penalties in your syllabi. Students who exceed the number of absences or otherwise fail to meet attendance policies will experience the consequences as the professor explains in the syllabus. These may include withdrawing you from a course if you miss more than a specified number of classes.

Faculty members are expected to establish reasonable absence policies. One fair model is to allow you to miss one week's worth of class before absences affect your grades. For example, if the class meets MWF, you would be allowed three absences without penalty.

Students who participate in OC activities should inform their professors in writing of the scheduled activities and absences the first week of class or as soon as possible. Professors should make every effort to work with those who conscientiously inform them of absences due to university activities. Absences due to official university activities such as intercollegiate athletic contests and musical performances should not penalize you per se. However, numerous absences may still affect test scores and other performance in any course.

STUDENTS AND VA BENEFITS

In keeping with minimum standards set by the state, these following guidelines will be followed in reporting to the Veterans Administration regional offices the attendance and academic progress of those who receive VA benefits:

1. If you drop out of school, OC will report the last date attended to assure that payments are terminated no later than the date when you stop attending a course.

2. OC also will report when you fail to maintain satisfactory progress. You will be placed on academic alert and should make a 2.0 GPA at the end of that semester or raise your cumulative GPA to the level of good standing required for your classification.

If you have questions about your VA benefits, contact the Office of the Registrar at (405) 425-5206.

CORE CURRICULUM

Oklahoma Christian's aim is to "take every thought captive to make it obedient to Christ" (II Cor. 10:5b). This means the faculty and the students are involved in an ongoing project to explore and promote the Christian worldview. In every discipline, Christ – the incarnate Word of God – and the Bible – the written Word of God – is the foundation of our intellectual growth and moral development. This knowledge of the Word of God is essential equipment for Christian scholars.

Secular education often is satisfied to create doubt and leave it unresolved. Fundamentalist education often is satisfied to retreat from doubt and deny that it exists. Christian education confronts doubt and seeks to overcome it to produce faith.

Therefore, the Oklahoma Christian community is committed to creating and communicating a Christian analysis of every discipline, believing that in doing so, Christian students develop a bold faith and all students are exposed to a wider array of thought than they would encounter in most secular universities. No one is required to hold any position on scriptures or to agree with any application of them but all are required to learn the information and skills necessary to meet the stated objectives. Professors seek to be open to and understanding of the views of students while affirming their own position. Faith is, therefore, the central concept in the core curriculum model. All of the specific objectives listed in each category are built on the central concept.

AS A CHRISTIAN COMMUNITY OF LEARNING, WE SEEK THE FOLLOWING OUTCOMES:

ACTIVE FAITH

A graduate of Oklahoma Christian University is able to:

1. Understand the living implications of Christian discipleship and
2. Demonstrate a mastery of scriptures and doctrine sufficient to support a life of service to the Christian community and the wider society.

FOUNDATIONAL KNOWLEDGE

A graduate of Oklahoma Christian University is able to command a diverse knowledge base and effectively apply it as an educated Christian.

INFORMATION LITERACY

A graduate of Oklahoma Christian University is able to

1. Recognize when information is needed, and
2. Locate, evaluate, and use the needed information effectively and ethically.

STRUCTURED REASONING

A graduate of Oklahoma Christian University is able to use the appropriate quantitative and qualitative methodologies to process and organize information into useful forms and models.

CRITICAL AND CREATIVE THINKING

A graduate of Oklahoma Christian University is able to reach, accept or create appropriate conclusions and works after a comprehensive exploration of options, issues, ideas, artifacts and events.

EFFECTIVE COMMUNICATION

A graduate of Oklahoma Christian University is able to use an understanding of how meanings are constructed between people to form relationships and communicate information effectively via oral, written and interpersonal means.

PERSONAL, SOCIAL AND GLOBAL STEWARDSHIP

A graduate of Oklahoma Christian University is able to:

1. Demonstrate awareness of the impact the graduate, other individuals and societies can have on their world, and
2. Express that awareness with compassion and respect for self and others of similar and different world views and cultures.

Recognizing that these outcomes can be accomplished through a variety of courses and experiences, the faculty has designed a tiered, degree-based core curriculum focused on the liberal-arts and based on seven general categories. The core curriculum consists of 55 semester hours in the liberal arts 43 hours specifically satisfy the seven categories:
Bible, communication (written and oral), behavioral/social science, great works, history, mathematics, and science; with 12 additional hours of liberal-arts courses which may vary according to your degree

These requirements were determined by the mission and purpose of the faculty and the faculty's judgment regarding the common needs of all students.

To achieve these objectives, the faculty has established degree-based core curriculum requirements that are listed within the departmental sections of this catalog.

STUDENTS WITH ASSOCIATE OR BACCALAUREATE DEGREES FROM ANOTHER INSTITUTION

If you transfer to OC with an associate degree designed to provide the core curriculum background for a baccalaureate degree, OC will consider the hours taken before coming to OC when determining your core curriculum requirements. The associate degree program must include at least 30 hours in courses typically required for the core curriculum, with at least one course in the following seven categories: communication, math, American citizenship, behavioral/social science, literature/fine arts, science, and global civilization.

If you have fulfilled at least five of these categories prior to coming to OC, you will be able to complete courses on campus to fulfill up to two deficient areas in the seven categories. You also will be required to complete the following at OC: 6-8 hours of Bible, to include BIBL-4523 – Capstone: Christ and His World. Those completing a second baccalaureate degree at OC will be covered by the same policy. You may transfer all approved courses from an accredited junior college. A maximum of 65 hours from a junior college will apply toward a degree.

Note: You must satisfy the specific course provisions for the B.S.E. and other programs requiring specific courses for the core curriculum.

Computer Literacy: OC is a wireless laptop campus. All full-time undergraduate students are issued an Apple MacBook computer upon enrollment.

The university's core curriculum program incorporates opportunities for you to become familiar with basic computer applications. These experiences should serve as a foundation for you to use computers in your own personal and professional areas of interest. If you desire an in-depth knowledge of computers you may elect specific courses in computer science or information systems.

REQUIREMENTS FOR ALL BACCALAUREATE DEGREES

After consulting with an academic advisor, it is ultimately your responsibility to choose and implement your academic program and to see that all specific requirements for that program and all core curriculum requirements for graduation from the university have been met in an acceptable and timely manner. Requirements are as follows:

You must have satisfied all entrance requirements.

You must complete at least 126 semester hours.

Note: Freshmen and sophomores must enroll in a Bible course each semester. These classes may not be dropped.

FIRST-TIME TRANSFER STUDENTS TO OC

Transfer students must take the following number of hours in Bible at OC:

Transfer hours	Required OC Bible hours
1 to 12	16*
13 to 31	14*
32 to 47	12*
48 to 63	10*
64 to 79	8*
80 or more	6*

or reach the total of 16 hours, including transfer hours. The number of Bible hours required for transfer students is determined at the time of your initial enrollment at OC. Subsequent transfer hours do not affect the number of hours required.

You must complete a minimum of 30 semester hours in a major and a minimum of 18 hours in a minor. At least one-half, or 22 hours (whichever is smaller), of the work in the major or major/minor program must be completed at OC. In majors that contain a specialization, at least three-fourths of the work required for that specialization must be completed at OC.

You must complete the core curriculum requirements as listed in the catalog.

You must have at least 10 semester hours of courses numbered 3000 or above in your major field and a total of not less than 30 semester hours overall in such courses.

You must have a total GPA on all courses of not less than 2.0 and the same overall average on all work done in the major field.

You may not count toward graduation more than 15 semester hours with a grade of "D". If you have more than 15 hours of "D" grades in courses required for graduation, you must retake the specific course or courses to replace those "D" grades.

You must complete at least 30 semester hours at OC (at least 15 of which must be in the senior year), be a full-time student for at least one semester, and be in attendance during the semester of graduation.

You normally will follow the requirements of the catalog in effect at the time of admission to the university. No catalog will be binding for more than seven years. Therefore, at the point of graduation, you must meet the requirements of a catalog that has been in effect no more than seven years. Any exceptions must be approved by the dean of the student's college and the Registrar.

SECOND BACCALAUREATE DEGREES AND DOUBLE MAJORS

For a second baccalaureate degree or a double major, you must first receive written approval from the Dean(s) of the respective college(s), and then you must complete the requirements for the specific major with a minimum of 18 additional hours unique to the second degree or major, beyond the first degree or major. A minimum of 144 total semester hours will need to be completed by the end of the second degree or major. Students not receiving their first bachelor's degree from Oklahoma Christian University will need to also complete 6 hours of Bible, to include BIBL 4523 – Capstone: Christ and His World.

If the second baccalaureate degree or second major would normally require a minor, each degree or major shall count as the minor for the other degree or major.

POST-ENROLLMENT TRANSFER CREDIT

Students who are enrolled at OC may receive credit for courses taken at another institution, subject to the following restriction:

Obtain written approval on a Transfer Request Form before registering for the courses at another institution.

Approval for courses within the major must come from the Department Chair for that major.

Approval for core curriculum courses must come from the Registrar.

LIMITATION OF TRANSFER CREDIT

Once a student begins at OC he or she may not transfer in more than 15 hours of credit to count toward graduation, of which no more than 6 upper division hours of his or her major can be transferred back to OC. Transfer credit in the major must be approved by the student's major department, as explained above.

Specific departments may have additional transfer restrictions.

Only credit from a regionally accredited college or university will be accepted as transfer credit.

Technical or vocational credits are not eligible for transfer and may not, therefore, be used to satisfy degree requirements.

Current OC students must have transfer credit approved prior to enrolling in a class away from the OC campus. A Transfer Request Form is available online and in the Registrar's Office.

A course may not be taken at another college or university to replace a grade for any course that has been taken at OC except in extraordinary circumstances.

REQUIREMENTS FOR GRADUATION

You must have completed all of your graduation requirements with a minimum of 126 hours prior to participating in commencement.

Commencement will be held on December 14, 2012 and April 26, 2013.

BACHELOR OF ARTS DEGREE

To receive a Bachelor of Arts degree from OC, you must complete the following:

1. Meet the core curriculum requirements.
2. Meet the requirements for a major in one of the departments offering the Bachelor of Arts degree: Bible, communication, english, history, history/pre-law, interdisciplinary studies, music, missions, psychology, religious education, spanish, TEFL, or youth ministry.
3. In addition to the other core curriculum requirements, complete two courses (minimum total of six hours) in the same foreign language. See page 20 for retroactive credit for foreign language.

BACHELOR OF BUSINESS ADMINISTRATION DEGREE

To receive a Bachelor of Business Administration degree from OC, you must complete the following:

1. Meet the core curriculum requirements..
2. Meet the requirements for one of the majors in the School of Business Administration.

BACHELOR OF FINE ARTS DEGREE

To receive a Bachelor of Fine Arts degree from OC, you must complete the following:

1. Meet the core curriculum requirements.
2. Meet the requirements for a major in arts, communication design, gaming and animation, interior design or photo +video.

BACHELOR OF MUSIC EDUCATION DEGREE

To receive a Bachelor of Music Education degree from OC, you must complete the following:

1. Meet the core curriculum.
2. Meet the music department's requirements in music, music technique, music education, and applied music.
3. Meet the requirements for teacher certification.

BACHELOR OF SCIENCE DEGREE
To receive a Bachelor of Science degree from OC, you must complete the following:
1. Meet the core curriculum requirements; and
2. Meet the requirements for a major in one of the departments offering the Bachelor of Science degree: biochemistry, biology, cellular & molecular biology chemistry, computer science, family studies, forensic science, history/ pre-law, information systems, interdisciplinary studies, mass communication, mathematics, mathematics/computer science, medical technology, organizational communication, physical education, or psychology.

BACHELOR OF SCIENCE IN COMPUTER ENGINEERING DEGREE
To receive a Bachelor of Science in Computer Engineering degree from OC, you must complete the following:
1. Meet the core curriculum requirements ; and
2. Meet the requirements for the major in computer engineering.

BACHELOR OF SCIENCE IN EDUCATION DEGREE
To receive a Bachelor of Science in Education degree from OC, you must complete the following:
1. Meet the core curriculum requirements; and
2. Meet the requirements for teacher education in either elementary education, early childhood, or some field of secondary education.

BACHELOR OF SCIENCE IN ELECTRICAL ENGINEERING DEGREE
To receive a Bachelor of Science in Electrical Engineering degree from OC, you must complete the following:
1. Meet the core curriculum requirements; and
2. Meet the requirements for the major in electrical engineering.

BACHELOR OF SCIENCE IN MECHANICAL ENGINEERING DEGREE
To receive a Bachelor of Science in Mechanical Engineering degree from OC, you must complete the following:
1. Meet the core curriculum requirements; and
2. Meet the requirements for the major in mechanical engineering.

BACHELOR OF SCIENCE IN NURSING
To receive a Bachelor of Science in Nursing degree from OC, you must complete the following:
1. Meet the core curriculum requirements; and
2. Meet the requirements for the major in nursing.

SPECIAL ASSISTANCE
Students with disabilities contact Student Life at 405.425.5207.

BRIDGE PROGRAM
Students with composite ACT scores of 18 and below are admitted through the Bridge Program. The aims of the Bridge Program are to alert you to the academic issues that may impede your progress toward completion of a degree and to provide the academic support resources necessary to help you succeed. The Bridge Program Director will mentor you in an effort to prepare you for success in university-level work and will oversee required study sessions, which are an integral part of the Bridge Program.

If you are admitted through the Bridge Program, you may start in either the fall or spring semester. You will take the following courses in that semester:

COMMUNICATION, 5 HOURS

SDEV-1102	Personal and Professional Strategies for Success
SDEV-0123	Developmental Writing
	or
ENGL-1113	English Composition I

(Based on ACT English subscore)

MATHEMATICS, 3 HOURS

SDEV-0103	Intermediate Algebra or College Algebra

(Based on ACT Math subscore.)

BIBLE, 2 HOURS
BIBL-1112 The Christian Scholar

AS DETERMINED BY ADVISOR, 2-3 HOURS
Students have the option of adding one additional course with Director approval. Students will continue to have meetings with the director and receive academic support services through successful completion of 64 credit hours.

STUDENT DEVELOPMENT COURSES
Students with low ACT scores will be placed in special courses to help them begin where they need to start in writing and math. These courses are described below.

WRITING
OC is committed to helping you meet the fundamental objective of effective written communication. The university requires students with an English ACT of 18 or lower to enroll in SDEV-0123 – Developmental Writing before enrolling in ENGL-1113 – English Compostion I, Developmental Writing allows you to master basic grammar skills and gain confidence needed to succeed in the core curriculum's communication sequence and other university-level courses. Students enrolled in SDEV-0123 must achieve a grade of "P" (Passing) before enrolling in ENGL-1113.

MATHEMATICS
OC requires that you have proficiency in and understanding of mathematics. You must complete a mathematics requirement. The required course varies according to the specialized needs of the major curriculum.

Students in business and sciences programs must have MATH-1213 – College Algebra

Most others must complete MATH-1143 – Elements of Mathematics I or MATH-1153 – Elements of Mathematics II

To assist students who are not adequately prepared for the required mathematics course, OC offers a developmental math course. Intermediate Algebra (SDEV-0103) is required for those with a Math ACT subscore of 22 or lower as preparation for one of the mathematics courses that satisfy the university's core curriculum requirements. This course reviews high school algebra, including polynomials, equation solving, and graphing. This course is graded with a grade of "P" (Passing) or a grade of "NP" (Not Passing). This course does not satisfy the core curriculum mathematics requirement.

THE LANGUAGE AND CULTURE INSTITUTE
The Language and Culture Institute at Oklahoma Christian University was established to provide English courses for international undergraduate, and graduate students. A key role LCI plays at Oklahoma Christian University is to facilitate students of English as a Second Language (ESL) to develop the kind of English proficiency that will lead to success in all their academic endeavors. To meet these goals, LCI students practice academic tasks such as writing research papers, giving oral presentations, and participating in group discussions and projects. By using an integrated skills approach, students are able to not only study English but more importantly, use English; thus acquiring the necessary skills for a successful academic career. In addition to English instruction, LCI provides orientation, conversation partners, cultural experiences, social events, and recreational activities above and beyond its quality academic preparatory program.

Aligning with the overall mission of Oklahoma Christian, the Language and Culture Institute is transforming lives for Christian faith, leadership, and service. The Language and Culture Institute provides the highest quality instruction in English as a second language, and orientation in U.S. culture to international students who are nonnative speakers of English. At the Language and Culture Institute, we provide quality English language instruction with care and respect for our students' cultural heritage in a comfortable, fun, and safe learning environment. We inspire learning and the achievement of excellence in all of our students, staff, and faculty though innovative and well-informed methods

of instruction. Ultimately, LCI assists in the pursuit of our students' personal, academic, and professional goals.

The Language and Culture Institute at Oklahoma Christian University offers courses in English as a Second Language at the low-intermediate, high-intermediate, and advanced levels. The curriculum offers and prepares students for university credit courses. The curriculum consists of college preparatory reading and vocabulary, composition, grammar, speaking skills and research writing at three levels of instruction.

STUDY ABROAD PROGRAMS

The mission of OC's Office of International Programs is to deepen and broaden the intellectual, social, spiritual, and aesthetic awareness of student and faculty as they study, travel, and serve in other cultures. Eligible students will have completed a minimum of two semesters at OC with a 2.0 GPA. Please refer to the chart (*) on the following page for a list of courses approved for the core curriculum. In order to meet the above mission, OC offers the following programs:

EUROPE

OC's European Studies Programs are great opportunities to experience much of the history and culture that Europe has to offer. Students receive college credit as they study, travel and serve overseas in one of the oldest and most important cultures in the world. OC is home in Vienna, Austria and the program may also include academic field trips to places such as London and Italy. Best of all, the European Studies Programs are offered in the fall and during the summer term. Students can choose whatever fits best for their schedules.

ASIA

Programs in Asia provide once-in-a lifetime adventures as students travel to several countries across the Pac Rim. Short and long term offerings may include China, Japan or South Korea.

LATIN AMERICA

HonduraServe is an unique opportunity for students to spend two weeks in May in a practicum-type experience. Open to all majors, this trip is especially geared towards nursing, science, Spanish, education and TEFL majors.

STUDY AND TRAVEL COURSES

While at Oklahoma Christian, you have opportunities to study a specific discipline in a unique setting. Some of the courses involve international study while others will take place in the U.S. These programs range from one to six weeks. Some occur every year while others are one-time offerings. Past trips have included the Canadian Shakespeare trip, Spring Break in Costa Rica and Civil War Literature. Go to www.oc.edu/studyabroad to see current and future offerings.

COUNCIL OF CHRISTIAN COLLEGES AND UNIVERSITIES PROGRAMS

Through OC's affiliation with the Council of Christian Colleges and Universities (CCCU), you may apply to participate in a number of outstanding special study programs, described below. Up to four OC students per semester may apply to participate in CCCU programs. If more than four students express interest, the International Programs Committee will decide which students may apply for a CCCU program in a given semester. For more information, contact the office of Senior Vice President for Academic Affairs, or the Office of International Programs. Students who participate in a CCCU study abroad program should plan their returning semester's schedule prior to leaving the country, or should make plans to access the OC online schedule from abroad. Please note: Oklahoma Christian University institutional scholarships and institutional grants you receive cannot be applied to tuition charges, etc. related to the CCCU programs.

AMERICAN STUDIES PROGRAM

Founded in 1976 under the direction of Dr. John A. Bernbaum, the program has challenged hundreds of students to integrate faith with the realities of the marketplace and public life through experiential learning in the nation's capital. A combination of class time and internships provides you with a total of 16 hours of academic credit for the semester.

Course topics cover national and world events from a variety of perspectives, integrating biblical reflection and policy analysis through classroom lectures, site briefings, small group discussions, and personal research. Briefings occur in places like the White House, Pentagon, State Department, congressional chambers, and national think-tank conference rooms.

LATIN AMERICAN STUDIES PROGRAM

Students interested in a total immersion experience would love the Latin American Studies Program (LASP), where they live with a Costa Rican family as they study language and culture.

The program is designed for Christian students who are learning to integrate faith and values with knowledge and experience. It is for those who desire to find out for themselves what God asks of them and what it means to act on what they learn in all areas of life. The goal of LASP is to prepare students to live the Christian life in a world that is multi-ethnic and multi-cultural. Understanding another culture requires the study of both its society and language, for neither exists independently. LASP is designed to integrate these two elements, giving you the best possible opportunity to deepen your own cross-cultural understanding.

MIDDLE EAST STUDIES PROGRAM

The Middle East Studies Program (MESP) seeks to prepare you to live the Christian life in a world that is religiously and culturally pluralistic, in the Middle East, North America, or other parts of the world.

Studying in the Middle East gives you the opportunity to leave your familiar North American campus, explore firsthand today's troubled world, and with this experience, to understand more fully your place and role in it. The rigorous academic program seeks to go beyond theoretical learning to a deeper, moral type of learning. Intense encounters with different worldviews and truth-claims help to facilitate this while the MESP community fosters a supportive environment.

CHINA STUDIES PROGRAM

China is going through monumental changes that encompass all aspects of life: economic, social, religious, and political. This is a historic time as the country becomes increasingly open to exchanges of students and scholars and other interactions with the West. With this new openness, comes an unprecedented opportunity to gain knowledge and understanding of China's people, culture, and language. Now is the time to experience China.

The China Studies Program (CSP), an interdisciplinary semester program, enables you to view China from the inside, to experience its culture and its diversities. Participants are able to observe the evolution of "socialism with Chinese characteristics" and China's struggles with rapid modernization and social change. In addition, CSP students confront the misunderstandings that have existed between China and the West from each side of that divide. This happens through formal classes and study tours, but especially by meeting and interacting informally with Chinese undergraduates on campus.

HONORS PROGRAM – OXFORD

Honors students and other highly-qualified students have the exciting opportunity to study in England through this interdisciplinary semester in Oxford. The rigorous academic program, aimed at increasing critical thinking skills and scholarship from an integrated Christian perspective, allows participants to choose from a wide variety of tutorial study programs in numerous disciplines, including the arts, religion, history, literature, and philosophy. In addition to two tutorials, you participate in a seminar and an integrative course through which you produce a scholarly project or term paper. Field trips provide opportunities for experiential learning in England's rich historical setting. Students earn 16 semester hours of credit.

The overall aim of the program is to provide each student with rigorous training in particular disciplines within the context of a broad and well-balanced academic, cultural, and social life. Certain qualities are necessary if you are to obtain maximum benefit from an education here: an inquiring mind, a critical approach to facts, and, above all, a capacity for creative as well as analytical thought. In considering the individual applicant, the greatest importance is

attached to the recommendations from faculty members who have personal knowledge of your work.

LOS ANGELES FILM STUDIES CENTER

Students who choose to attend the Los Angeles Film Studies Center (LAFSC) are exposed to a true "behind-the-scenes" look at the work and workings of Hollywood, yet at the same time are a part of a Christian-based educational program committed to understanding what it means to be "salt and light" in this unique and powerful industry. The entire experience of classes, internships, and Christian fellowship provides you with an opportunity to test your interest in pursuing a career in the mainstream entertainment industry.

The mission of the LAFSC is to prepare you academically for placement in the mainstream Hollywood film industry, preferably in decision-making positions, with a Christ-centered vision to dynamically influence film content, the production process, and interpersonal relationships. In addition, the mission includes the development of advocates to advance an informed and discerning approach to understanding the media, as well as an appreciation for, and support of, the work of your peers in Hollywood.

RUSSIAN STUDIES PROGRAM

It is a historic time to spend a semester living in the Republic of Russia, and the Russian Studies Program (RSP) makes this possible. The RSP gives you the opportunity to be on the edge of discovery as political and economic events have a daily impact on the Russia of tomorrow and its relationship with the West. You can witness how the Holy Spirit is building the Church and strengthening ties between North American and Russian Christians.

OXFORD SUMMER PROGRAM

The Oxford Summer Program is a program of the CCCU and Wycliffe Hall, Oxford. The program is designed for students wishing to gain a more comprehensive understanding of the relationship between Christianity and the development of the West and who wish to do specialized work under expert Oxford academics in the areas of history, religious studies, English, and history of science.

SUMMER INSTITUTE OF JOURNALISM

The Summer Institute of Journalism serves to introduce journalism students to the print media in the nation's capital and helps equip them for future work in the profession. You travel to Washington, D.C., for a month-long program (mid-May to mid-June) focused on practical daily instruction in the craft of writing news coupled with "real-world" news gathering and news writing assignments. Journalists representing various national media outlets – including the Washington Post, PBS Religion & Ethics News Weekly, USA Today, and many others – contribute extensively to the program.

Study Abroad Courses	BA	BFA	BS	BSE	BSN	BME	BBA	BSCE BSEE BSME
HIST 2903 Studies in European Civilization	Western Civ.	Civilization or Liberal Arts	Western Civ. or Liberal Arts	Liberal Arts			Liberal Arts	Psychology, Social Sciences, Fine Arts, Foreign Language or Liberal Arts
FINE 2903 Aesthetics	Great Works	Great Works or Liberal Arts	Great Works or Liberal Arts	Great Works or Liberal Arts	Great Works	Great Works	Great Works or Liberal Arts	Psychology, Social Sciences, Fine Arts, Foreign Language or Great Works or Liberal Arts
BIBL 4853 Christianity and Culture	Bible Elective	Bible Elective	Bible Elective	Bible Elective	Bible Elective	Bible Elective	Bible Elective	Bible Elective
GEOG 2513 Human Geography of the Pacific Rim	Non-Western Civ.	Civilization or Liberal Arts	Non-Western Civ. or Liberal Arts	Liberal Arts		Non-Western Civ.	Liberal Arts	Psychology, Social Sciences, Fine Arts, Foreign Language or Liberal Arts
CLTR 2103 Language and Culture		Liberal Arts	Liberal Arts	Liberal Arts			Liberal Arts	Psychology, Social Sciences, Fine Arts, Foreign Language or Liberal Arts
JAPN 1103 Conversational Japanese		Liberal Arts	Liberal Arts	Liberal Arts			Liberal Arts	Psychology, Social Sciences, Fine Arts, Foreign Language or Liberal Arts
ENG 2213 Perspectives in Literature	Great Works	Great Works or Liberal Arts	Great Works or Liberal Arts	Great Works	Great Works	Great Works	Great Works	Great Works or Liberal Arts

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- Marketing Management emphasis
- Photography + Video emphasis

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Photography + Video (B.F.A.)

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- Management emphasis
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THE HONORS PROGRAM

Oklahoma Christian recognizes that students arrive on campus with a wide range of academic skills and differing levels of intellectual curiosity.

To challenge students who are highly motivated to excel academically, the faculty developed the Honors Program, a unique curriculum by which students achieve the objectives of the general education core curriculum. The program's curriculum replaces most of the core curriculum.

Admission to the program is based on high school GPA of 3.5 or higher, a minimum ACT of 28 or SAT of 1250, evidence of writing skills, and an interview.

Professors of honors courses encourage a high level of participation, require much independent research, and mentor students to write and speak effectively as they develop the ability to think analytically and critically.

Each course in the Honors Program is team-taught, interdisciplinary, and crafted to give you a broad understanding of intellectual and cultural developments and to encourage focused research on specific issues related to a Christian worldview. In addition to the specific courses, you participate in a symposium each week where you have the opportunity to expand your vision of life and your pursuit of intellectual excellence.

The advantages of the Honors Program include small classes, challenges to solve problems, and interaction with other serious and thoughtful students. Students interact readily with their professors in Honors courses. All the professors cooperate to help you understand your abilities and your potential. The program provides intellectual growth, close contact with equally motivated peers, significant interaction with professors, and an enlarged view of the world. Honors students receive a one-time, $1000 travel stipend to be used exclusively for OC sponsored Study Abroad Programs. First year honors students are eligible for a one time OG&E Scholarship for up to $2,500.

Students in the Honors Program fill important roles of leadership throughout the campus in all kinds of organizations. They are often leaders within their majors as well.

The Honors House at Reba Davisson residence hall offers a men's wing and a women's wing for development of a living-learning community that enhances the curriculum with peer-mentoring by Honors staff.

To graduate as a Honors Fellow, students must complete the OC Honors Program with a cumulative GPA of 3.4 or higher.

The Honors curriculum substitutes for the university's core curriculum.

HONORS CORE CURRICULUM

THE HONORS CURRICULUM REPLACES THE UNIVERSITY'S CORE CURRICULUM.

BIBLE ELECTIVE, 6 HOURS
Take 6 hours of Bible

BIBLE CAPSTONE, 3 HOURS
BIBL-4523 Capstone: Christ and His World

COMMUNICATION, 3 HOURS
ENGL-1113 Composition I
(majority have ACT or CLEP credit)

MATHEMATICS, 3 HOURS
3 hours appropriate to major
(majority have ACT or CLEP credit)

SCIENCE COURSE WITH LAB

INTERNATIONAL EXPERIENCE, 3 HOURS
Study abroad program that includes
HONR-4113 Honors Experience
or
3 hours foreign langauge

HONORS COURSES, 26 HOURS
HONR-1010 Symposium I
HONR-1020 Symposium II
HONR-1114 Western Thought and Expression I
HONR-1124 Western Thought and Expression II
HONR-1214 The Bible and Classical Literature
HONR-1224 The Bible, Science, and Human Values
HONR-2010 Symposium III
HONR-2020 Symposium IV
HONR-2113 The Quest for Meaning: Christ and the Good Life
HONR-2123 The Quest for Identity: Race, Class, and Gender in American Thought
HONR-3111 Symposium V
HONR-3121 Symposium VI
HONR-4111 Symposium VII
HONR-4121 Senior Honors Seminar

The curriculum is enriched by a carefully focused co-curriculum of museum visits, an annual visit to the Philharmonic, and other events. An annual retreat is conducted each January for first-year students.

COLLEGE OF BIBLICAL STUDIES

The Bible and Bible-related subjects occupy the central place in the university curriculum. A complete education includes a study of spiritual matters. Because the Bible is the only book in which God reveals Himself to us, it is the book that sets forth in supreme fashion how people are to live in relation to Him and to others.

Through the College of Biblical Studies and various spiritual activities, the university seeks to develop in individuals a desire for truth and to guide them in the path that leads to a discovery of truth. The university faculty seeks to develop in students a strong commitment to Jesus Christ and through such commitment to prepare them for service in the home, church, and community.

Courses present the Bible as the inspired word of God. Related courses deal with introductory and background materials in order that the message of the Bible may be better understood. Biblical Greek and Hebrew are taught so that those who so desire may study the Bible in the languages in which it was first written. Courses dealing with the practical side of Christianity are offered so the student may translate theory.

AREAS OF STUDY

Bible (BIBL)
Children's Ministry (CMIN)
Greek (GREK)
Hebrew (HBRW)
Missions (MISS)
Preaching Ministry
Youth and Family Ministry (YTMN)

DEGREES OFFERED

B.A. Degree in Bible
B.A. Degree in Bible and Ministry
B.A. Degree in Children's Ministry
B.A. Degree in Missions
B.A. Degree in Preaching Ministry
B.A. Degree in Youth Ministry

VOCATIONAL MINISTRY

Chosen as a second major only

MINORS

Bible
Biblical Languages
Church History
Missions
Non-textual Bible
Youth Ministry

GRADUATE SCHOOL OF THEOLOGY

M.A. Degree in Ministry
M.A. Degree in Ministry (Family Life)
M.A. Degree in Ministry (Youth and Family)
M.Div. Master of Divinity Degree
(see graduate catalog)

FACULTY

Alan Martin, A.A., B.A., M.A., Ph.D., Dean of the College of Biblical Studies, Professor of Bible and Family Ministry
Jim Baird, B.A., M.Div., D.Phil., Professor of Bible and Philosophy and Director of Honors Program
Robert Carpenter, B.A., M.A., M.A., Ph.D., Professor of Ministry and Missions
Dudley Chancey, A.A., B.S., M.S., Ph.D., Professor of Youth Ministry
Loren Gieger, B.A., M.Div., Ph.D., Professor of New Testament
John Harrison, B.A., M.A., Ph.D., Professor of New Testament and Ministry
Chip Kooi, B.A., M.A., Ph.D., Professor of Theology
Lynn McMillon, B.A., M.A., M.Th., Ph.D., Dean Emeritus, Distinguished Professor of Bible
Stafford North, B.A., M.A., Ph.D., Distinguished Professor of Bible
Charles Rix, B.B.A., M.A., Ph.D., Associate Professor of Bible
Grant Testut, B.A., M.Ph., Ph.D., Assistant Professor of Bible
Richard Wright, B.Mus., A.B., M.A., M.T.S., Ph.D., Chair of the Graduate School of Theology, Associate Professor of Bible

LOCATION

Williams Branch Center for Biblical Studies
Dean's Office
Williams Branch Center for Biblical Studies, Office 1

GRADUATE SCHOOL OF THEOLOGY

The College of Biblical Studies also offers a Master of Divinity degree and a Master of Arts degree with majors in general ministry, family life ministry, and youth ministry. For more information contact Josh Bailey at 405-425-5389 or josh.bailey@oc.edu.

B.A. DEGREE IN BIBLE - 47 HOURS, MINOR REQUIRED, PLUS 6 ADDITIONAL HOURS IN BIBLICAL LANGUAGES

This is a basic program for those preparing for religious service.

An OC graduate with a Bachelor of Arts degree in Bible will:
1. Demonstrate above average knowledge of the Bible, its chronology and themes.
2. Demonstrate the ability to exegete, organize and present biblical subjects in a contemporary relevant manner.
3. Demonstrate an above average knowledge of and ability in essential ministry skills such as teaching, counseling, evangelizing and relating to people.
4. Demonstrate knowledge of the world beyond the church and an ability to relate to it in a meaningful manner.

Student must complete a minimum of 126 hours including the major, core, and minor if required. Elective hours may be needed to reach 126 hours.

20 HOURS CORE COURSES

BIBL-2512	Personal Evangelism
BIBL-2713	Introduction to Ministry
BIBL-3013	Hermeneutics
BIBL-3203	Biblical Exegesis
BIBL-3823	Counseling for Ministers
BIBL-3913	Homiletics I: Preparation and Delivery of Religious Speeches
BIBL-4753	Seminar in Christian Ministry

9 HOURS MINIMUM OLD TESTAMENT TEXTUAL COURSES

12 HOURS MINIMUM NEW TESTAMENT TEXTUAL COURSES

3 HOURS REQUIRED NON-TEXTUAL BIBLE

BIBL-4713	Restoration Movement

3 HOURS OTHER NON-TEXTUAL BIBLE COURSES

6 HOURS, BIBLICAL LANGUAGES

A student must take 6 hours of Greek or 6 hours of Hebrew in addition to the above requirements for the B.A. degree.

GREK-1113	Elementary Greek I
GREK-1213	Elementary Greek II
	or
HBRW-3113	Elementary Hebrew I
HBRW-3213	Elementary Hebrew II (May also count as Old Testament textual)

UNIVERSITY CORE CURRICULUM
B.A. - 55 HOURS - COURSES MAY NOT BE REPEATED WITHIN CORE

COMMUNICATION, 9 HOURS

ENGL-1113	English Composition I
ENGL-1213	English Composition II
COMM-1213	Oral Communication

MATHEMATICS, 3 HOURS
Appropriate to major

REQUIRED BIBLE, 8 HOURS
Could be used in the major

BIBL-1112	The Christian Scholar
BIBL-1312	Life of the Early Church: Acts
BIBL-2202	Story of the Old Testament
BIBL-2302	Story of the New Testament

BIBLE ELECTIVE, 5 HOURS
Could be used in the major
5 hours of Bible courses, except Missions Experience

CAPSTONE, 3 HOURS
Could be used in the major

BIBL-4523	Capstone: Christ and His World

POLITICAL SCIENCE, 3 HOURS

POLS-2113	Introduction to American Politics

AMERICAN HISTORY, 3 HOURS

HIST-1223	Turning Points in U.S. History

GREAT WORKS ADDITIONAL, 6 HOURS
should include literature

ARTS-2013	Survey of Visual Culture
ARTS-2423	History of Photography & Motion Pictures
COMM-2023	History of Theater I
COMM-2033	History of Theater II
ENGL-2213	Perspectives in Literature
MUSC-2013	Music Appreciation
MUSC-3213	Perspectives in World Music

SCIENCE, 6 HOURS

BEHAVIORAL SCIENCE, 3 HOURS

PSYC-1113	General Psychology I

WESTERN CIVILIZATION, 3 HOURS

HIST-2923	Perspectives in Western Civilization

NON-WESTERN CIVILIZATION, 3 HOURS

GEOG-2213	World Regional Geography
HIST-2613	The Modern Middle East
MISS-3513	World Religions
MISS-3673	New Religious Movements
MISS-3613	Cultural Anthropology
MUSC-3213	Perspectives in World Music

*For more information on how to apply the study abroad trips to the core curriculum see the chart on page # 25

B.A. DEGREE IN BIBLE AND MINISTRY
68 HOURS, PLUS 12 ADDITIONAL HOURS IN BIBLICAL LANGUAGES

This program is designed especially for students wishing to be pulpit ministers. The degree prepares students for the work of a local minister and lays a foundation for graduate studies. It is also the recommended degree for those who have not yet defined a specific area of ministry.

An OC graduate with a Bachelor of Arts degree in Bible and Ministry will:
1. Demonstrate above average knowledge of the Bible, its chronology, and themes.
2. Demonstrate the ability to exegete, organize, and present biblical subjects in a contemporary, relevant manner.
3. Demonstrate an above average knowledge of and ability in essential ministry skills such as teaching, counseling, evangelizing, and relating to people.
4. Demonstrate knowledge of the world beyond the church and an ability to relate to it in a meaningful manner.

Student must complete a minimum of 126 hours including the major, core, and minor if required. Elective hours may be needed to reach 126 hours.

23 HOURS FOUNDATION COURSES

BIBL-2512	Personal Evangelism
BIBL-2713	Introduction to Ministry
BIBL-3013	Hermeneutics
BIBL-3203	Biblical Exegesis
BIBL-3823	Counseling for Ministers
BIBL-3913	Homiletics I: Preparation and Delivery of Religious Speeches
BIBL-4753	Seminar in Christian Ministry
BIBL-4763	Homiletics II: Preaching from a Bible Book

3 HOURS CHOSEN FROM

BIBL-4213	Teaching the Bible to Adolescents
	or
BIBL-3253	Teaching The Bible

9 HOURS OLD TESTAMENT TEXTUAL COURSES

12 HOURS NEW TESTAMENT

6 HOURS ELECTIVE TEXTUAL COURSES

3 HOURS REQUIRED NON-TEXTUAL COURSES

BIBL-4713	Restoration Movement

9 HOURS OTHER NON-TEXTUAL COURSES

3 HOURS PRACTICUM COURSE

BIBL-4803	Ministry Practicum

12 HOURS, BIBLICAL LANGUAGES

A student must take 12 hours of Greek or 6 hours of Greek and 6 hours of Hebrew in addition to the above degree requirements for the B.A. in Bible and Ministry.

GREK-1113	Elementary Greek I
GREK-1213	Elementary Greek II
GREK-2113	Intermediate Greek I

(May also count as New Testament textual)

GREK-2213	Intermediate Greek II

(May also count as New Testament textual)

HBRW-3113	Elementary Hebrew I
HBRW-3213	Elementary Hebrew II

(May also count as Old Testament textual)

UNIVERSITY CORE CURRICULUM
B.A. - 55 HOURS - COURSES MAY NOT BE REPEATED WITHIN CORE

COMMUNICATION, 9 HOURS

ENGL-1113	English Composition I
ENGL-1213	English Composition II
COMM-1213	Oral Communication

MATHEMATICS, 3 HOURS
Appropriate to major

REQUIRED BIBLE, 8 HOURS
Could be used in the major

BIBL-1112	The Christian Scholar
BIBL-1312	Life of the Early Church: Acts
BIBL-2202	Story of the Old Testament
BIBL-2302	Story of the New Testament

BIBLE ELECTIVE, 5 HOURS
Could be used in the major
5 hours of Bible courses, except Missions Experience

CAPSTONE, 3 HOURS
Could be used in the major

BIBL-4523	Capstone: Christ and His World

POLITICAL SCIENCE, 3 HOURS

POLS-2113	Introduction to American Politics

AMERICAN HISTORY, 3 HOURS

HIST-1223	Turning Points in U.S. History

GREAT WORKS ADDITIONAL, 6 HOURS
should include literature

ARTS-2013	Survey of Visual Culture
ARTS-2423	History of Photography & Motion Pictures
COMM-2023	History of Theater I
COMM-2033	History of Theater II
ENGL-2213	Perspectives in Literature
MUSC-2013	Music Appreciation
MUSC-3213	Perspectives in World Music

SCIENCE, 6 HOURS

BEHAVIORAL SCIENCE, 3 HOURS

PSYC-1113	General Psychology I

WESTERN CIVILIZATION, 3 HOURS

HIST-2923	Perspectives in Western Civilization

NON-WESTERN CIVILIZATION, 3 HOURS

GEOG-2213	World Regional Geography
HIST-2613	The Modern Middle East
MISS-3513	World Religions
MISS-3673	New Religious Movements
MISS-3613	Cultural Anthropology
MUSC-3213	Perspectives in World Music

*For more information on how to apply the study abroad trips to the core curriculum see the chart on page # 25

B.A. DEGREE IN CHILDREN'S MINISTRY
70 HOURS, PLUS 6 ADDITIONAL HOURS IN FOREIGN LANGUAGE

This major is for those wishing to work primarily in the children's ministry program of the church. It combines study of the biblical text with practical application courses in several disciplines. The purpose of the children's ministry major at OC is to equip students to minister to children, parents, and families in the local church setting.

An OC graduate with a Bachelor of Arts degree in Children's Ministry will be able to:
1. Plan and carry out a yearly program of activities that reinforce the core values of the Christian faith.
2. Incorporate the written philosophy of ministry involving parents and volunteers in the children's ministry program.
3. Know when to refer children, parents, and families that have issues needing professional care.
4. Teach the Bible effectively using age appropriate methods, great themes and elements that contribute to the stories.
5. Be a leader and servant to families, the church, and the community.
6. Work in unison with a multi-staff church.
7. Assist parents in carrying out their God-given duty to spiritually form their children.
8. Stay current on methods, laws, and curriculum that affects ministry to children, parents, and family.
9. Use techniques of exegesis and hermeneutics to present practical and effective Bible lessons.
10. Proficiently use the learning techniques of lesson planning, organization, illustration, stories, and multi-media in teaching the Bible.

Student must complete a minimum of 126 hours including the major, core, and minor if required. Elective hours may be needed to reach 126 hours.

20 HOURS CORE COURSES

BIBL-2512	Personal Evangelism
BIBL-2713	Introduction to Ministry
BIBL-3013	Hermeneutics
BIBL-3203	Biblical Exegesis
BIBL-3253	Teaching the Bible
BIBL-3823	Counseling for Ministers
BIBL-3913	Homiletics I: Preparation and Delivery of Religious Speeches

9 HOURS OLD TESTAMENT

12 HOURS NEW TESTAMENT

6 HOURS NON TEXTUAL BIBLE

BIBL-3413	Christian Family
BIBL-4713	Restoration Movement

3 HOURS PSYCHOLOGY

PSYC-3523	Developmental Psychology

18 HOURS CHILDREN'S MINISTRY

CMIN-1202	Introduction to Children's Ministry
CMIN-2122	Teaching the Bible to Preschoolers Birth-5 years
CMIN-2222	Teaching the Bible to Elementary Children Grades 1-6
CMIN-3212	Curriculum Development for Children's Ministry
CMIN-3403	Leadership & Administration of Children's Ministry
CMIN-3612	Spiritual Development of Children
CMIN-4313	Volunteers, Parents, and Staff in Youth and Family Ministry
CMIN-4412	Vital Issues in Children's Ministry

2 HOURS INTERNSHIP

CMIN-4822	Children's Ministry Practical Experience

6 HOURS, FOREIGN LANGUAGE

*A student must take 6 hours of any foreign language in addition to the above requirements for the BA degree in Children's Ministry.

UNIVERSITY CORE CURRICULUM:
B.A. - 55 HOURS - COURSES MAY NOT BE REPEATED WITHIN CORE

COMMUNICATION, 9 HOURS

ENGL-1113	English Composition I
ENGL-1213	English Composition II
COMM-1213	Oral Communication

MATHEMATICS, 3 HOURS
Appropriate to major

REQUIRED BIBLE, 8 HOURS
Could be used in the major

BIBL-1112	The Christian Scholar
BIBL-1312	Life of the Early Church: Acts
BIBL-2202	Story of the Old Testament
BIBL-2302	Story of the New Testament

BIBLE ELECTIVE, 5 HOURS
Could be used in the major
5 hours of Bible courses, except Missions Experience

CAPSTONE, 3 HOURS
Could be used in the major

BIBL-4523	Capstone: Christ and His World

POLITICAL SCIENCE, 3 HOURS

POLS-2113	Introduction to American Politics

AMERICAN HISTORY, 3 HOURS

HIST-1223	Turning Points in U.S. History

GREAT WORKS ADDITIONAL, 6 HOURS
should include literature

ARTS-2013	Survey of Visual Culture
ARTS-2423	History of Photography & Motion Pictures
COMM-2023	History of Theater I
COMM-2033	History of Theater II
ENGL-2213	Perspectives in Literature
MUSC-2013	Music Appreciation
MUSC-3213	Perspectives in World Music

SCIENCE, 6 HOURS

BEHAVIORAL SCIENCE, 3 HOURS

PSYC-1113	General Psychology I

WESTERN CIVILIZATION, 3 HOURS

HIST-2923	Perspectives in Western Civilization

NON-WESTERN CIVILIZATION, 3 HOURS

GEOG-2213	World Regional Geography
HIST-2613	The Modern Middle East
MISS-3513	World Religions
MISS-3673	New Religious Movements
MISS-3613	Cultural Anthropology
MUSC-3213	Perspectives in World Music

*For more information on how to apply the study abroad trips to the core curriculum see the chart on page # 25

B.A. DEGREE IN MISSIONS
61 HOURS, PLUS 6 ADDITIONAL HOURS IN BIBLICAL LANGUAGES

The B.A. in Missions, like all other Bible-related degree programs at OC, provides an acquaintance with the biblical text and the necessary auxiliary studies to allow special preparation for mission work.

An OC graduate with a Bachelor of Arts degree in Missions will:
1. Learn how to communicate biblical truths effectively to people from cultural backgrounds different from their own.
2. Become more aware of and sensitive to cultural differences than they were when they arrived on campus so that they can serve people from different cultural backgrounds effectively with a reduced likelihood of offending those people.
3. Experience how New Testament Christianity functions in different cultural contexts through campaigns, missions internships, and, in some cases, overseas studies opportunities.
4. Be sufficiently grounded in the Scriptures to be able to teach the word of God competently and faithfully regardless of the cultural context.
5. Gain sufficient competence in a modern language other than English so as to be able to communicate at least at a basic level with a native speaker of that language.
6. Learn the importance of the church in God's plan of salvation for people of every nation, every tongue, and every tribe.
7. Learn the importance of growing spiritually and receive instruction in how to go about pursuing spiritual growth throughout their lives.

Student must complete a minimum of 126 hours including the major, core, and minor if required. Elective hours may be needed to reach 126 hours.

17 HOURS CORE COURSES

BIBL-2512	Personal Evangelism
BIBL-2713	Introduction to Ministry
BIBL-3013	Hermeneutics
BIBL-3203	Biblical Exegesis
BIBL-3823	Counseling for Ministers
BIBL-4753	Seminar in Christian Ministry

3 HOURS CHOSEN FROM

BIBL-3913	Homiletics I: Preparation and Delivery of Religious Speeches
BIBL-4213	Teaching the Bible to Adolescents

3 HOURS CHOSEN FROM

BIBL-3173	Church History to 1517
BIBL-3183	Church History 1517 to Present
BIBL-4713	Restoration Movement

13 HOURS REQUIRED MISSIONS COURSES

MISS-3013	Mission Preparation
MISS-3213	Church Growth
MISS-3613	Cultural Anthropology
MISS-4714	Missions Practicum

6 HOURS ELECTIVE MISSIONS COURSES

5 HOURS OLD TESTAMENT TEXTUAL COURSES

5 HOURS NEW TESTAMENT TEXTUAL COURSES

9 ADDITIONAL HOURS TEXTUAL BIBLE COURSES

6 HOURS, BIBLICAL LANGUAGES

A student must take 6 hours of Greek or 6 hours of Hebrew in addition to the above requirements for the B.A. in Missions.

GREK-1113	Elementary Greek I
GREK-1213	Elementary Greek II
	or
HBRW-3113	Elementary Hebrew I
HBRW-3213	Elementary Hebrew II (May also count as Old Testament textual)

Note: In addition to the 6 hours of Greek, Missions majors must fulfill the Bachelor of Arts language requirement with 6 hours of a modern foreign language.

UNIVERSITY CORE CURRICULUM:
B.A. - 55 HOURS - COURSES MAY NOT BE REPEATED WITHIN CORE

COMMUNICATION, 9 HOURS

ENGL-1113	English Composition I
ENGL-1213	English Composition II
COMM-1213	Oral Communication

MATHEMATICS, 3 HOURS
Appropriate to major

REQUIRED BIBLE, 8 HOURS
Could be used in the major

BIBL-1112	The Christian Scholar
BIBL-1312	Life of the Early Church: Acts
BIBL-2202	Story of the Old Testament
BIBL-2302	Story of the New Testament

BIBLE ELECTIVE, 5 HOURS
Could be used in the major
5 hours of Bible courses, except Missions Experience

CAPSTONE, 3 HOURS
Could be used in the major

BIBL-4523	Capstone: Christ and His World

POLITICAL SCIENCE, 3 HOURS

POLS-2113	Introduction to American Politics

AMERICAN HISTORY, 3 HOURS

HIST-1223	Turning Points in U.S. History

GREAT WORKS ADDITIONAL, 6 HOURS
should include literature

ARTS-2013	Survey of Visual Culture
ARTS-2423	History of Photography & Motion Pictures
COMM-2023	History of Theater I
COMM-2033	History of Theater II
ENGL-2213	Perspectives in Literature
MUSC-2013	Music Appreciation
MUSC-3213	Perspectives in World Music

SCIENCE, 6 HOURS

BEHAVIORAL SCIENCE, 3 HOURS

PSYC-1113	General Psychology I

WESTERN CIVILIZATION, 3 HOURS

HIST-2923	Perspectives in Western Civilization

NON-WESTERN CIVILIZATION, 3 HOURS

GEOG-2213	World Regional Geography
HIST-2613	The Modern Middle East
MISS-3513	World Religions
MISS-3673	New Religious Movements
MISS-3613	Cultural Anthropology
MUSC-3213	Perspectives in World Music

*For more information on how to apply the study abroad trips to the core curriculum see the chart on page # 25

B.A. DEGREE IN PREACHING MINISTRY
74 HOURS, PLUS 6 ADDITIONAL HOURS IN BIBLICAL LANGUAGES

The Preaching Ministry major is specifically designed for students who want to do public and pulpit preaching. The major will prepare a student very well for general ministry, but is intentional in specifically equipping and enhancing the student's homiletic skills.

An OC graduate with a Bachelor of Arts Degree in Preaching Ministry
1. Demonstrate above average knowledge of the Bible, its chronology and themes.
2. Demonstrate the ability to exegete, organize and present biblical subjects in a contemporary, relevant manner.
3. Demonstrate an above average knowledge of and ability in essential ministry skills, particularly in preparing and delivering sermons.
4. Demonstrate skill in the non-preaching duties of a minister and an understanding of the culture in the church today.
5. Demonstrate knowledge of the world beyond the church and an ability to relate to it in a meaningful manner.

Student must complete a minimum of 126 hours including the major, core, and minor if required. Elective hours may be needed to reach 126 hours.

23 HOURS FOUNDATION COURSES

BIBL-2512	Personal Evangelism
BIBL-2713	Introduction to Ministry
BIBL-3013	Hermeneutics
BIBL-3203	Biblical Exegesis
BIBL-3823	Counseling for Ministers
BIBL-3913	Homiletics I: Preparation and Delivery of Religious Speeches
BIBL-4753	Seminar in Christian Ministry
BIBL-4763	Homiletics II: Advanced Homiletics

3 HOURS REQUIRED

BIBL-3253	Teaching the Bible

8 HOURS OLD TESTAMENT TEXTUAL COURSES

9 HOURS NEW TESTAMENT TEXTUAL COURSES

3 HOURS ELECTIVE OLD OR NEW TESTAMENT TEXTUAL COURSES

3 HOURS REQUIRED

BIBL-4773	Homiletics III: Preaching from a Bible Book

11 HOURS REQUIRED

BIBL-4232	Life and Work of the Minister
BIBL-4523	Capstone: Christ and His World
BIBL-4713	Restoration Movement
MISS-3513	World Religions

8 HOURS CHOSEN FROM

BIBL-2312	Evidences of Christianity
BIBL-3113	New Testament Church
BIBL-3153	Introduction to Church Growth
BIBL-3413	Christian Family

3 HOURS CHOSEN FROM

BIBL-3173	Church History to 1517
	or
BIBL-3183	Church History from 1517 to Present

3 HOURS PRACTICUM

BIBL-4803	Ministry Practicum

6 HOURS, BIBLICAL LANGUAGES

A student must take 6 hours of Greek or 6 hours of Hebrew in addition to the above requirements for the B.A. in Religious Education.

GREK-1113	Elementary Greek I
GREK-1213	Elementary Greek II
	or
HBRW-3113	Elementary Hebrew I
HBRW-3213	Elementary Hebrew II (May also count as Old Testament textual)

UNIVERSITY CORE CURRICULUM
B.A. - 55 HOURS - COURSES MAY NOT BE REPEATED WITHIN CORE

COMMUNICATION, 9 HOURS

ENGL-1113	English Composition I
ENGL-1213	English Composition II
COMM-1213	Oral Communication

MATHEMATICS, 3 HOURS
Appropriate to major

REQUIRED BIBLE, 8 HOURS
Could be used in the major

BIBL-1112	The Christian Scholar
BIBL-1312	Life of the Early Church: Acts
BIBL-2202	Story of the Old Testament
BIBL-2302	Story of the New Testament

BIBLE ELECTIVE, 5 HOURS
Could be used in the major
5 hours of Bible courses, except Missions Experience

CAPSTONE, 3 HOURS
Could be used in the major

BIBL-4523	Capstone: Christ and His World

POLITICAL SCIENCE, 3 HOURS

POLS-2113	Introduction to American Politics

AMERICAN HISTORY, 3 HOURS

HIST-1223	Turning Points in U.S. History

GREAT WORKS ADDITIONAL, 6 HOURS
should include literature

ARTS-2013	Survey of Visual Culture
ARTS-2423	History of Photography & Motion Pictures
COMM-2023	History of Theater I
COMM-2033	History of Theater II
ENGL-2213	Perspectives in Literature
MUSC-2013	Music Appreciation
MUSC-3213	Perspectives in World Music

SCIENCE, 6 HOURS

BEHAVIORAL SCIENCE, 3 HOURS

PSYC-1113	General Psychology I

WESTERN CIVILIZATION, 3 HOURS

HIST-2923	Perspectives in Western Civilization

NON-WESTERN CIVILIZATION, 3 HOURS

GEOG-2213	World Regional Geography
HIST-2613	The Modern Middle East
MISS-3513	World Religions
MISS-3673	New Religious Movements
MISS-3613	Cultural Anthropology
MUSC-3213	Perspectives in World Music

*For more information on how to apply the study abroad trips to the core curriculum see the chart on page # 25

B.A. DEGREE IN YOUTH MINISTRY
71 HOURS, PLUS 6 ADDITIONAL HOURS IN BIBLICAL LANGUAGES

The major in youth ministry offers students an opportunity to make special preparation to serve as youth ministers while laying a strong foundation in a study of the Bible and Bible-related subjects. The purpose of the youth ministry major at OC is to equip students to minister with adolescents and their families.

An OC graduate with a Bachelor of Arts degree in Youth Ministry will be able to:
1. "Know thyself."
2. Plan and lay out a yearly program of activities that reinforce the core values of the Christian faith, the local church, and the youth group.
3. Involve the parents of adolescents and other volunteers in the youth and family program, utilizing their gifts.
4. Refer to parents, authorities, and/or counselors when adolescents are at risk.
5. Share the Gospel specifically using methods to reach adolescents.
6. Disciple and assist adolescents in their spiritual formation.
7. Use and teach scripture effectively.

Student must complete a minimum of 126 hours including the major, core, and minor if required. Elective hours may be needed to reach 126 hours.

17 HOURS REQUIRED CORE COURSES

BIBL-2713	Introduction to Ministry
BIBL-3013	Hermeneutics
BIBL-3203	Biblical Exegesis
BIBL-3823	Counseling for Ministers
BIBL-4753	Seminar in Christian Ministry
BIBL-2512	Personal Evangelism

3 HOURS CHOSEN FROM

BIBL-3253	Teaching the Bible
	or
BIBL-3913	Homiletics I: Preparation and Delivery of Religious Speeches

6 HOURS REQUIRED

BIBL-4213	Teaching The Bible to Adolescents
YTMN-4823	Youth Ministry Internship

9 HOURS CHOSEN FROM

YTMN-2123	Counseling Adolescents
YTMN-2213	Introduction to Youth and Family Ministry as a Profession
YTMN-2233	Experiential Teaching Methods in the Outdoors
YTMN-3113	Evangelism, Discipleship, and Spiritual Formation with Adolescents
YTMN-3213	Models and Programming in Youth Ministry
YTMN-4113	Adolescent Spirituality, Morality, and Culture
YTMN-4313	Volunteers, Parents, and Staff in Youth and Family Ministry

3 HOURS PRACTICUM REQUIRED

YTMN-4813	Youth Ministry Teaching Practicum

3 HOURS REQUIRED

BIBL-3413	Christian Family

3 HOURS CHOSEN FROM

FMST-2423	Parent-Child Relations
FMST-3913	Family Development

6 HOURS PSYCHOLOGY COURSES

PSYC-1113	General Psychology I
PSYC-3523	Developmental Psychology

6 HOURS OLD TESTAMENT TEXTUAL COURSES

9 HOURS NEW TESTAMENT TEXTUAL COURSES

6 HOURS ELECTIVE TEXTUAL COURSES

6 HOURS, BIBLICAL LANGUAGES

A student must take 6 hours of Greek or 6 hours of Hebrew in addition to the above requirements for the B.A. in Religious Education.

GREK-1113	Elementary Greek I
GREK-1213	Elementary Greek II
	or
HBRW-3113	Elementary Hebrew I
HBRW-3213	Elementary Hebrew II (May also count as Old Testament textual)

UNIVERSITY CORE CURRICULUM
B.A. - 55 HOURS - COURSES MAY NOT BE REPEATED WITHIN CORE

COMMUNICATION, 9 HOURS

ENGL-1113	English Composition I
ENGL-1213	English Composition II
COMM-1213	Oral Communication

MATHEMATICS, 3 HOURS
Appropriate to major

REQUIRED BIBLE, 8 HOURS
Could be used in the major

BIBL-1112	The Christian Scholar
BIBL-1312	Life of the Early Church: Acts
BIBL-2202	Story of the Old Testament
BIBL-2302	Story of the New Testament

BIBLE ELECTIVE, 5 HOURS
Could be used in the major
5 hours of Bible courses, except Missions Experience

CAPSTONE, 3 HOURS
Could be used in the major

BIBL-4523	Capstone: Christ and His World

POLITICAL SCIENCE, 3 HOURS

POLS-2113	Introduction to American Politics

AMERICAN HISTORY, 3 HOURS

HIST-1223	Turning Points in U.S. History

GREAT WORKS ADDITIONAL, 6 HOURS
should include literature

ARTS-2013	Survey of Visual Culture
ARTS-2423	History of Photography & Motion Pictures
COMM-2023	History of Theater I
COMM-2033	History of Theater II
ENGL-2213	Perspectives in Literature
MUSC-2013	Music Appreciation
MUSC-3213	Perspectives in World Music

SCIENCE, 6 HOURS

BEHAVIORAL SCIENCE, 3 HOURS

PSYC-1113	General Psychology I

WESTERN CIVILIZATION, 3 HOURS

HIST-2923	Perspectives in Western Civilization

NON-WESTERN CIVILIZATION, 3 HOURS

GEOG-2213	World Regional Geography
HIST-2613	The Modern Middle East
MISS-3513	World Religions
MISS-3673	New Religious Movements
MISS-3613	Cultural Anthropology
MUSC-3213	Perspectives in World Music

*For more information on how to apply the study abroad trips to the core curriculum see the chart on page # 25

VOCATIONAL MINISTRY
34 HOURS TAKEN ONLY AS A SECOND MAJOR

This second major is designed specifically for people planning careers in non-religious fields such as teaching, engineering, medicine, law, business, sciences, communication, or fine arts, but who desire a deeper knowledge of God's Word and ministry in order to strengthen the cause of Christ wherever they live and work.

An OC graduate with any degree and second major in vocational ministry will:
1. Demonstrate a broader understanding of the Scriptures.
2. Demonstrate methodologies and critical thinking skills designed to improve ministries and solve problems on the field.
3. Choose, practice, and enhance his or her profession from a Kingdom perspective.

34 HOURS FROM THE COLLEGE OF BIBLICAL STUDIES

MUST INCLUDE 17 HOURS MINIMUM OF TEXTUAL COURSES

MUST INCLUDE 17 HOURS MINIMUM OF UPPER DIVISION COURSES

Core curriculum courses in Bible may be counted in these totals.
The following five courses are recommended, but not required:

BIBL-3003	Vocational Ministry
BIBL-3823	Counseling for Ministers
BIBL-3913	Homiletics I: Preparation & Delivery of Religious Speeches
MISS-3013	Mission Preparation
BIBL-2512	Personal Evangelism

MINOR REQUIREMENTS - COLLEGE OF BIBLICAL STUDIES

BIBLE MINOR, 25 HOURS
TAKE 25 HOURS OF BIBLE COURSES

Textual or non-textual; this may not include missions, religious education, or youth ministry courses. This includes 16 hours of the core curriculum Bible as well as 9 additional hours.

BIBLICAL LANGUAGES MINOR, 18 HOURS
12 HOURS OF NEW TESTAMENT GREEK

GREK-1113	Elementary Greek I
GREK-1213	Elementary Greek II
GREK-2113	Intermediate Greek I
GREK-2213	Intermediate Greek II

6 HOURS OF HEBREW

HBRW-3113	Elementary Hebrew I
HBRW-3213	Elementary Hebrew II

CHURCH HISTORY MINOR, 18 HOURS
CHOSEN FROM

BIBL-3113	The New Testament Church
BIBL-3173	Church History to 1517
BIBL-3183	Church History 1517 to Present
BIBL-4513	History of the Bible
BIBL-4713	Restoration Movement
HIST-3913	Renaissance and Reformation, 1400-1648
HIST-4613	Medieval Europe, 400-1300

MISSIONS MINOR, 18 HOURS
12 HOURS CHOSEN FROM MISSIONS COURSES OTHER THAN MISSIONS EXPERIENCE

6 HOURS CHOSEN FROM THE FOLLOWING COURSES

BIBL-3013	Hermeneutics
BIBL-3113	The New Testament Church
BIBL-3713	Contemporary Ethics
BIBL-3823	Counseling for Ministers
BIBL-4713	Restoration Movement
MISS-4813	Missions Experience

NON-TEXTUAL BIBLE MINOR, 18 HOURS
18 HOURS FROM A MINIMUM OF TWO OF THE FOLLOWING AREAS:

church history, missions, religious education, and youth ministry

YOUTH MINISTRY MINOR, 18 HOURS
3 HOURS REQUIRED

BIBL-2713	Introduction to Ministry

AT LEAST 6 HOURS CHOSEN FROM

YTMN-3113	Evangelism, Discipleship, and Spiritual Formation with Adolescents
YTMN-4113	Adolescent Spirituality, Morality, and Culture
YTMN-4313	Volunteers, Parents, and Staff In Youth and Family Ministry

9 HOURS FROM OTHER COURSES IN YOUTH MINISTRY OR ANY COURSE IN RELIGIOUS EDUCATION

NOTE: COURSES COUNTED IN A BIBLE MAJOR OR OTHER MAJOR REQUIRING COURSES LISTED IN THE COLLEGE OF BIBLICAL STUDIES MAY NOT BE COUNTED IN A MINOR.

COLLEGE OF ARTS & SCIENCES

DEPARTMENT OF ART AND DESIGN

DEPARTMENT OF BIOLOGY

DEPARTMENT OF CHEMISTRY AND PHYSICS

DEPARTMENT OF COMMUNICATION

DEPARTMENT OF HISTORY AND POLITICAL SCIENCE

INTERDISCIPLINARY STUDIES

DEPARTMENT OF LANGUAGE AND LITERATURE

DEPARTMENT OF MUSIC

DEPARTMENT OF NURSING

DEPARTMENT OF PSYCHOLOGY AND FAMILY STUDIES

DEPARTMENT OF
ART & DESIGN

AREAS OF STUDY
Art and Design (ARTS)
Communication Design
Fine Arts (FINE)
Gaming and Animation
Interior Design
Photography + Video

DEGREES OFFERED

B.F.A. Degree in Art
B.F.A. Degree in Communication Design Gaming and Animation
B.F.A. Degree in Communication Design Illustration
B.F.A. Degree in Communication Design Marketing/Management
B.F.A. Degree in Communication Design Photography + Video
B.F.A. Degree in Gaming and Animation
B.F.A. Degree in Interior Design
B.F.A. Degree in Photography + Video

MINORS
Art
Communication Design
Interior Design
Photography + Video

FACULTY
David Crismon, M.F.A., Department Chair, Professor of Art and Design
Amy Beauchamp, M.F.A., Assistant Professor of Art and Design
Michael J. O'Keefe, M.F.A., Professor of Art and Design
Jeff Price, M.F.A., Professor of Art and Design

LOCATION
Garvey Center for the Liberal Arts
Kresge Fine Arts

DEAN
David Lowry, Ph.D., Dean of the College of Arts and Sciences, Professor of Communication

Dean's Office
Mabee Learning Center, 2nd floor, Room 229

SPECIAL NOTES FOR ART AND DESIGN MAJORS:
1. You must provide your own supplies.
2. For each art and design course you take, OC reserves the right to retain one of your works for its permanent collection and to exhibit or reproduce the work in any of its publications.
3. If an M.A. in Art History is anticipated, two courses in French and an additional 9 hours of art history are highly recommended.

B.F.A. DEGREE IN ART
75 HOURS

This major is for the person wanting a general background in art or a vocation in the field of art and its related industries.

An OC graduate with a Bachelor of Fine Arts degree in Art will:
1. Demonstrate effective problem solving skills as applied to visual communications, artistic expression, and graphic design.
2. Demonstrate a working understanding of art history: genres, artists, movements, and practitioner
3. Articulate an understanding of one's integration of faith and design/artistic expression.
4. Demonstrate the ability to communicate clearly and think independently.
5. Demonstrate a commitment to scholarship and creative expression.
6. Demonstrate an ability to reproduce a visual impression/representation of form, substance, light, and shadow though figure and perspective drawing.

Student must complete a minimum of 126 hours including the major, core, and minor if required. Elective hours may be needed to reach 126 hours.

36 HOURS CORE

ARTS-1103	Technology for Graphics
ARTS-1113	Fundamentals of Drawing
ARTS-1213	Figure Drawing
ARTS-1413	Elements of Visual Thinking
ARTS-2323	Digital Design for Print
ARTS-2403	Digital Photography
ARTS-2423	History of Photography and Motion Pictures
ARTS-2523	Form and Communication
ARTS-3333	History of Design
ARTS-3343	Ancient to Modern Art History
ARTS-3353	Contemporary Art
ARTS-3773	The Business of Branding Yourself

6 HOURS PRINTMAKING

ARTS-3113	Printmaking: Intaglio and Relief
ARTS-3123	Printmaking: Serigraphy

9 HOURS PAINTING

ARTS-2513	Painting I
ARTS-3213	Painting II
ARTS-4213	Open Studio

6 HOURS ILLUSTRATION

ARTS-3523	Illustration I
ARTS-4523	Illustration II

6 HOURS PROFESSIONAL DESIGN

ARTS-2223	Introduction to Communication Design
ARTS-2233	Type As Visual Language

12 HOURS ART AND DESIGN ELECTIVES

12 hours from Art Department. Senior Exhibit allowed with advisor approval.

UNIVERSITY CORE CURRICULUM:
B.F.A. - 55 HOURS - COURSES MAY NOT BE REPEATED WITHIN CORE

COMMUNICATION, 9 HOURS

ENGL-1113	English Composition I
ENGL-1213	English Composition II
COMM-1213	Oral Communication

MATHEMATICS, 3 HOURS

appropriate to major

REQUIRED BIBLE, 8 HOURS

BIBL-1112	The Christian Scholar
BIBL-1312	Life of the Early Church: Acts
BIBL-2202	Story of the Old Testament
BIBL-2302	Story of the New Testament

BIBLE ELECTIVE, 5 HOURS

5 hours of Bible courses, except Missions Experience.

CAPSTONE, 3 HOURS

BIBL-4523	Capstone: Christ and His World

POLITICAL SCIENCE, 3 HOURS

POLS-2113	Introduction to American Politics

AMERICAN HISTORY, 3 HOURS

HIST-1223	Turning Points in U.S. History

GREAT WORKS, 6 HOURS

could be used in the major

ARTS-2423	History of Photography & Motion Pictures
ARTS-2433	History of Gaming and Animation
ARTS-3343	Ancient to Modern Art History
ARTS-3353	Contemporary Art

SCIENCE, 6 HOURS

BEHAVIORAL SCIENCE, 3 HOURS

PSYC-1113	General Psychology I

CIVILIZATION, 3 HOURS

could be used in the major

ARTS-3333	History of Design
ARTS-3343	Ancient to Modern Art History
ARTS-3353	Contemporary Art
ARTS-3533	Historical Interior Design I
ARTS-3543	Historical Interior Design II
ARTS-3633	Contemporary Interior Design

LIBERAL ARTS, 3 HOURS

3 hours from Science, Communication, Foreign Language, History, Political Science, English, Psychology, Family Studies, Math, Music.

*For more information on how to apply the study abroad trips to the core curriculum see page # 25

B.F.A. DEGREE IN COMMUNICATION DESIGN WITH GAMING AND ANIMATION EMPHASIS, 75 HOURS

This major is for the person wanting to be an animator, game designer, art director, graphic designer, web designer, account executive, or copywriter for an advertising agency, graphic design studio, "in-house" corporate art department, or interactive design company.

An OC graduate with a Bachelor of Fine Arts degree in Communication Design will:
1. Demonstrate effective problem solving skills as applied to visual communications, interactive media, artistic expression, advertising, and graphic design.
2. Demonstrate effective design skills as applied to visual communications, interactive media, artistic expression, advertising, and graphic design.
3. Demonstrate effective illustration skills from concept to execution.
4. Articulate an understanding of one's integration of faith and design/artistic expression.
5. Demonstrate the ability to communicate clearly and think independently.
6. Demonstrate a commitment to scholarship and creative expression.

Student must complete a minimum of 126 hours including the major, core, and minor if required. Elective hours may be needed to reach 126 hours.

18 HOURS CORE

ARTS-1113	Fundamentals of Drawing
ARTS-1213	Figure Drawing
ARTS-1413	Elements of Visual Thinking
ARTS-3343	Ancient to Modern Art History
ARTS-3353	Contemporary Art
ARTS-3773	The Business of Branding Yourself
	Concentration

27 HOURS COMMUNICATION DESIGN

ARTS-2223	Introduction to Communication Design
ARTS-2233	Type as Visual Language
ARTS-3243	Graphic Design
ARTS-3253	Print and Social Media Design
ARTS-3263	Advanced Graphic Design
ARTS-3333	History of Design
ARTS-3513	Graphic Arts Production
ARTS-3523	Illustration I
ARTS-4253	Integrated Marketing Design

15 HOURS DIGITAL DESIGN

ARTS-1103	Technology for Graphics
ARTS-2243	Interactive Media Design I
ARTS-2323	Digital Design for Print
ARTS-2403	Digital Photography
ARTS-3443	Interactive Media Design II

12 HOURS GAMING AND ANIMATION EMPHASIS

ARTS-2743	3-D Modeling I
ARTS-3163	Animation Principles and Practices
ARTS-3173	3D Modeling and Animation II
ARTS-4223	Gaming and Animation Studio

3 HOURS GAMING AND ANIMATION ELECTIVES CHOSEN FROM

ARTS-2433	History of Gaming and Animation
ARTS-3383	Motion Imagery
ARTS-3453	Team Game Production I

UNIVERSITY CORE CURRICULUM: B.F.A. - 55 HOURS - COURSES MAY NOT BE REPEATED WITHIN CORE

COMMUNICATION, 9 HOURS

ENGL-1113	English Composition I
ENGL-1213	English Composition II
COMM-1213	Oral Communication

MATHEMATICS, 3 HOURS
appropriate to major

REQUIRED BIBLE, 8 HOURS

BIBL-1112	The Christian Scholar
BIBL-1312	Life of the Early Church: Acts
BIBL-2202	Story of the Old Testament
BIBL-2302	Story of the New Testament

BIBLE ELECTIVE, 5 HOURS
5 hours of Bible courses, except Missions Experience.

CAPSTONE, 3 HOURS

BIBL-4523	Capstone: Christ and His World

POLITICAL SCIENCE, 3 HOURS

POLS-2113	Introduction to American Politics

AMERICAN HISTORY, 3 HOURS

HIST-1223	Turning Points in U.S. History

GREAT WORKS, 6 HOURS
could be used in the major

ARTS-2423	History of Photography & Motion Pictures
ARTS-2433	History of Gaming and Animation
ARTS-3343	Ancient to Modern Art History
ARTS-3353	Contemporary Art

SCIENCE, 6 HOURS

BEHAVIORAL SCIENCE, 3 HOURS

PSYC-1113	General Psychology I

CIVILIZATION, 3 HOURS
could be used in the major

ARTS-3333	History of Design
ARTS-3343	Ancient to Modern Art History
ARTS-3353	Contemporary Art
ARTS-3533	Historical Interior Design I
ARTS-3543	Historical Interior Design II
ARTS-3633	Contemporary Interior Design

LIBERAL ARTS, 3 HOURS
3 hours from Science, Communication, Foreign Language, History, Political Science, English, Psychology, Family Studies, Math, Music.

*For more information on how to apply the study abroad trips to the core curriculum see page # 25

B.F.A. DEGREE IN COMMUNICATION DESIGN WITH ILLUSTRATION EMPHASIS 75 HOURS

This major is for the person wanting to be an art director, graphic designer, web designer, account executive, or copywriter for an advertising agency, graphic design studio, "in-house" corporate art department, or interactive design company.

An OC graduate with a Bachelor of Fine Arts degree in Communication Design will:
1. Demonstrate effective problem solving skills as applied to visual communications, interactive media, artistic expression, advertising, and graphic design.
2. Demonstrate effective design skills as applied to visual communications, interactive media, artistic expression, advertising, and graphic design.
3. Demonstrate effective illustration skills from concept to execution.
4. Articulate an understanding of one's integration of faith and design/artistic expression.
5. Demonstrate the ability to communicate clearly and think independently.
6. Demonstrate a commitment to scholarship and creative expression.

Student must complete a minimum of 126 hours including the major, core, and minor if required. Elective hours may be needed to reach 126 hours.

18 HOURS CORE

ARTS-1113	Fundamentals of Drawing
ARTS-1213	Figure Drawing
ARTS-1413	Elements of Visual Thinking
ARTS-3343	Ancient to Modern Art History
ARTS-3353	Contemporary Art
ARTS-3773	The Business of Branding Yourself Concentration

3 HOURS PRINTMAKING CHOSEN FROM

ARTS-3113	Printmaking: Intaglio and Relief
ARTS-3123	Printmaking: Serigraphy

27 HOURS COMMUNICATION DESIGN

ARTS-2223	Introduction to Communication Design
ARTS-2233	Type as Visual Language
ARTS-3243	Graphic Design
ARTS-3253	Print and Social Media Design
ARTS-3263	Advanced Graphic Design
ARTS-3333	History of Design
ARTS-3513	Graphic Arts Production
ARTS-3523	Illustration I
ARTS-4253	Integrated Marketing Design

15 HOURS DIGITAL DESIGN

ARTS-1103	Technology for Graphics
ARTS-2243	Interactive Media Design I
ARTS-2323	Digital Design for Print
ARTS-2403	Digital Photography
ARTS-3443	Interactive Media Design II

12 HOURS ILLUSTRATION EMPHASIS

ARTS-2513	Painting I
ARTS-3213	Painting II
ARTS-4213	Open Studio
ARTS-4523	Illustration II

UNIVERSITY CORE CURRICULUM: B.F.A. - 55 HOURS - COURSES MAY NOT BE REPEATED WITHIN CORE

COMMUNICATION, 9 HOURS

ENGL-1113	English Composition I
ENGL-1213	English Composition II
COMM-1213	Oral Communication

MATHEMATICS, 3 HOURS
appropriate to major

REQUIRED BIBLE, 8 HOURS

BIBL-1112	The Christian Scholar
BIBL-1312	Life of the Early Church: Acts
BIBL-2202	Story of the Old Testament
BIBL-2302	Story of the New Testament

BIBLE ELECTIVE, 5 HOURS
5 hours of Bible courses, except Missions Experience.

CAPSTONE, 3 HOURS

BIBL-4523	Capstone: Christ and His World

POLITICAL SCIENCE, 3 HOURS

POLS-2113	Introduction to American Politics

AMERICAN HISTORY, 3 HOURS

HIST-1223	Turning Points in U.S. History

GREAT WORKS, 6 HOURS
could be used in the major

ARTS-2423	History of Photography & Motion Pictures
ARTS-2433	History of Gaming and Animation
ARTS-3343	Ancient to Modern Art History
ARTS-3353	Contemporary Art

SCIENCE, 6 HOURS

BEHAVIORAL SCIENCE, 3 HOURS

PSYC-1113	General Psychology I

CIVILIZATION, 3 HOURS
could be used in the major

ARTS-3333	History of Design
ARTS-3343	Ancient to Modern Art History
ARTS-3353	Contemporary Art
ARTS-3533	Historical Interior Design I
ARTS-3543	Historical Interior Design II
ARTS-3633	Contemporary Interior Design

LIBERAL ARTS, 3 HOURS
3 hours from Science, Communication, Foreign Language, History, Political Science, English, Psychology, Family Studies, Math, Music.

*For more information on how to apply the study abroad trips to the core curriculum see page # 25

B.F.A. DEGREE IN COMMUNICATION DESIGN WITH MARKETING MANAGEMENT EMPHASIS, 75 HOURS

This major is for the person wanting to be an art director, graphic designer, web designer, account executive, or copywriter for an advertising agency, graphic design studio, "in-house" corporate art department, or interactive design company.

An OC graduate with a Bachelor of Fine Arts degree in Communication Design will:
1. Demonstrate effective problem solving skills as applied to visual communications, interactive media, artistic expression, advertising, and graphic design.
2. Demonstrate effective design skills as applied to visual communications, interactive media, artistic expression, advertising, and graphic design.
3. Demonstrate effective illustration skills from concept to execution.
4. Articulate an understanding of one's integration of faith and design/artistic expression.
5. Demonstrate the ability to communicate clearly and think independently.
6. Demonstrate a commitment to scholarship and creative expression.

Student must complete a minimum of 126 hours including the major, core, and minor if required. Elective hours may be needed to reach 126 hours.

18 HOURS CORE

ARTS-1113	Fundamentals of Drawing
ARTS-1213	Figure Drawing
ARTS-1413	Elements of Visual Thinking
ARTS-3343	Ancient to Modern Art History
ARTS-3353	Contemporary Art
ARTS-3773	The Business of Branding Yourself
	Concentration

3 HOURS PRINTMAKING CHOSEN FROM:

ARTS-3113	Printmaking: Intaglio and Relief
	or
ARTS-3123	Printmaking: Serigraphy

27 HOURS COMMUNICATION DESIGN

ARTS-2223	Introduction to Communication Design
ARTS-2233	Type as Visual Language
ARTS-3243	Graphic Design
ARTS-3253	Print and Social Media Design
ARTS-3263	Advanced Graphic Design
ARTS-3333	History of Design
ARTS-3513	Graphic Arts Production
ARTS-3523	Illustration I
ARTS-4253	Integrated Marketing Design

15 HOURS DIGITAL DESIGN

ARTS-1103	Technology for Graphics
ARTS-2243	Interactive Media Design I
ARTS-2323	Digital Design for Print
ARTS-2403	Digital Photography
ARTS-3443	Interactive Media Design II

12 HOURS MARKETING MANAGEMENT EMPHASIS CHOSEN FROM

MGMT-3113	Principles of Management
MGMT-3323	Entrepreneurship and Small Business Management
MKTG-3313	Principles of Marketing
MKTG-3413	Consumer Behavior
MKTG-3513	E-Commerce and Online Marketing
MKTG-4313	Promotional Strategies
MKTG-4613	Marketing Management *prerequisites must be met

UNIVERSITY CORE CURRICULUM: B.F.A. - 55 HOURS - COURSES MAY NOT BE REPEATED WITHIN CORE

COMMUNICATION, 9 HOURS

ENGL-1113	English Composition I
ENGL-1213	English Composition II
COMM-1213	Oral Communication

MATHEMATICS, 3 HOURS
appropriate to major

REQUIRED BIBLE, 8 HOURS

BIBL-1112	The Christian Scholar
BIBL-1312	Life of the Early Church: Acts
BIBL-2202	Story of the Old Testament
BIBL-2302	Story of the New Testament

BIBLE ELECTIVE, 5 HOURS
5 hours of Bible courses, except Missions Experience.

CAPSTONE, 3 HOURS

BIBL-4523	Capstone: Christ and His World

POLITICAL SCIENCE, 3 HOURS

POLS-2113	Introduction to American Politics

AMERICAN HISTORY, 3 HOURS

HIST-1223	Turning Points in U.S. History

GREAT WORKS, 6 HOURS
could be used in the major

ARTS-2423	History of Photography & Motion Pictures
ARTS-2433	History of Gaming and Animation
ARTS-3343	Ancient to Modern Art History
ARTS-3353	Contemporary Art

SCIENCE, 6 HOURS

BEHAVIORAL SCIENCE, 3 HOURS

PSYC-1113	General Psychology I

CIVILIZATION, 3 HOURS
could be used in the major

ARTS-3333	History of Design
ARTS-3343	Ancient to Modern Art History
ARTS-3353	Contemporary Art
ARTS-3533	Historical Interior Design I
ARTS-3543	Historical Interior Design II
ARTS-3633	Contemporary Interior Design

LIBERAL ARTS, 3 HOURS
3 hours from Science, Communication, Foreign Language, History, Political Science, English, Psychology, Family Studies, Math, Music.

*For more information on how to apply the study abroad trips to the core curriculum see page # 25

B.F.A. DEGREE IN COMMUNICATION DESIGN WITH PHOTOGRAPHY + VIDEO EMPHASIS, 75 HOURS

This major is for the person wanting to be an art director, graphic designer, web designer, account executive, or copywriter for an advertising agency, graphic design studio, "in-house" corporate art department, or interactive design company.

An OC graduate with a Bachelor of Fine Arts degree in Communication Design will:
1. Demonstrate effective problem solving skills as applied to visual communications, interactive media, artistic expression, advertising and graphic design.
2. Demonstrate effective design skills as applied to visual communications, interactive media, artistic expression, advertising, and graphic design.
3. Demonstrate an ability to create commercial and fine arts photography and videos.
4. Articulate an understanding of one's integration of faith and design/artistic expression.
5. Demonstrate the ability to communicate clearly and think independently.
6. Demonstrate a commitment to scholarship and creative expression.
7. Demonstrate effective design skills as applied to visual communications, interactive media, artistic expression, advertising, and graphic design.

Student must complete a minimum of 126 hours including the major, core, and minor if required. Elective hours may be needed to reach 126 hours.

18 HOURS CORE

ARTS-1113	Fundamentals of Drawing
ARTS-1213	Figure Drawing
ARTS-1413	Elements of Visual Thinking
ARTS-3343	Ancient to Modern Art History
ARTS-3353	Contemporary Art
ARTS-3773	The Business of Branding Yourself

3 HOURS PRINTMAKING CHOSEN FROM:

ARTS-3113	Printmaking: Intaglio and Relief
	or
ARTS-3123	Printmaking: Serigraphy

27 HOURS COMMUNICATION DESIGN

ARTS-2223	Introduction to Communication Design
ARTS-2233	Type as Visual Language
ARTS-3243	Graphic Design
ARTS-3253	Print and Social Media Design
ARTS-3263	Advanced Graphic Design
ARTS-3333	History of Design
ARTS-3513	Graphic Arts Production
ARTS-3523	Illustration I
ARTS-4253	Integrated Marketing Design

15 HOURS DIGITAL DESIGN

ARTS-1103	Technology for Graphics
ARTS-2243	Interactive Media Design I
ARTS-2323	Digital Design for Print
ARTS-2403	Digital Photography
ARTS-3443	Interactive Media Design II

12 HOURS PHOTOGRAPHY + VIDEO EMPHASIS

ARTS-3363	Photography I
ARTS-3373	Photography II
ARTS-3383	Motion Imagery
ARTS-4333	Commercial Studio Photography
	or
COMM-2643	Media Production

UNIVERSITY CORE CURRICULUM: B.F.A. - 55 HOURS - COURSES MAY NOT BE REPEATED WITHIN CORE

COMMUNICATION, 9 HOURS

ENGL-1113	English Composition I
ENGL-1213	English Composition II
COMM-1213	Oral Communication

MATHEMATICS, 3 HOURS
appropriate to major

REQUIRED BIBLE, 8 HOURS

BIBL-1112	The Christian Scholar
BIBL-1312	Life of the Early Church: Acts
BIBL-2202	Story of the Old Testament
BIBL-2302	Story of the New Testament

BIBLE ELECTIVE, 5 HOURS
5 hours of Bible courses, except Missions Experience.

CAPSTONE, 3 HOURS

BIBL-4523	Capstone: Christ and His World

POLITICAL SCIENCE, 3 HOURS

POLS-2113	Introduction to American Politics

AMERICAN HISTORY, 3 HOURS

HIST-1223	Turning Points in U.S. History

GREAT WORKS, 6 HOURS
could be used in the major

ARTS-2423	History of Photography & Motion Pictures
ARTS-2433	History of Gaming and Animation
ARTS-3343	Ancient to Modern Art History
ARTS-3353	Contemporary Art

SCIENCE, 6 HOURS

BEHAVIORAL SCIENCE, 3 HOURS

PSYC-1113	General Psychology I

CIVILIZATION, 3 HOURS
could be used in the major

ARTS-3333	History of Design
ARTS-3343	Ancient to Modern Art History
ARTS-3353	Contemporary Art
ARTS-3533	Historical Interior Design I
ARTS-3543	Historical Interior Design II
ARTS-3633	Contemporary Interior Design

LIBERAL ARTS, 3 HOURS
3 hours from Science, Communication, Foreign Language, History, Political Science, English, Psychology, Family Studies, Math, Music.

*For more information on how to apply the study abroad trips to the core curriculum see page # 25

B.F.A. DEGREE IN GAMING AND ANIMATION
72 HOURS

The Bachelor of Fine Arts Program in Gaming and Animation prepares students to use emerging media for the purpose of game design, self-expression and experimentation. G&A Students will have a grasp of industry-level skills and artistic techniques including texturing, uv mapping, animating, and rigging 3D models, game level design, 2D animation techniques, audio production and interactive design.

An OC graduate with a Bachelor of Fine Arts in Gaming and Animation will:
1. Demonstrate effective problem solving skills as applied to game design, animation, artistic expression, and storytelling.
2. Demonstrate a working understanding of art history: genres, artists, movements, and practitioners.
3. Articulate an understanding of one's integration of faith and design/artistic expression.
4. Demonstrate the ability to communicate clearly and think independently.
5. Demonstrate a commitment to scholarship and creative expression.
6. Demonstrate an ability to reproduce a visual impression/representation of form, substance, light, and shadow through figure.

Student must complete a minimum of 126 hours including the major, core, and minor if required. Elective hours may be needed to reach 126 hours.

21 HOURS CORE

ARTS-1103	Technology for Graphics
ARTS-1113	Fundamentals of Drawing
ARTS-1213	Figure Drawing
ARTS-1413	Elements of Visual Thinking
ARTS-2523	Form and Communication
ARTS-3523	Illustration I
ARTS-3773	The Business of Branding Yourself

12 HOURS ART AND DESIGN HISTORY

ARTS-3393	History of Photography and Motion Pictures
ARTS-2433	History of Gaming and Animation
ARTS-3333	History of Design
ARTS-3353	Contemporary Art

33 HOURS GAMING AND ANIMATION

ARTS-2243	Interactive Media Design I
ARTS-2403	Digital Photography
ARTS-2743	3D Modeling I
ARTS-3163	Animation Principles and Practices
ARTS-3173	3D Modeling and Animation II
ARTS-3383	Motion Imagery
ARTS-3453	Team Game Production I
ARTS-4223	Gaming and Animation Studio
ARTS-4333	Commercial Studio Photography
ARTS-4663	Gaming + Animation Capstone
COMM-2643	Media Production

3 HOURS MANAGEMENT

MGMT-3323	Entrepreneurship and small business management

3 HOURS ART AND DESIGN ELECTIVES

UNIVERSITY CORE CURRICULUM:
B.F.A. - 55 HOURS - COURSES MAY NOT BE REPEATED WITHIN CORE

COMMUNICATION, 9 HOURS
ENGL-1113 English Composition I
ENGL-1213 English Composition II
COMM-1213 Oral Communication

MATHEMATICS, 3 HOURS
appropriate to major

REQUIRED BIBLE, 8 HOURS
BIBL-1112 The Christian Scholar
BIBL-1312 Life of the Early Church: Acts
BIBL-2202 Story of the Old Testament
BIBL-2302 Story of the New Testament

BIBLE ELECTIVE, 5 HOURS
5 hours of Bible courses, except Missions Experience.

CAPSTONE, 3 HOURS
BIBL-4523 Capstone: Christ and His World

POLITICAL SCIENCE, 3 HOURS
POLS-2113 Introduction to American Politics

AMERICAN HISTORY, 3 HOURS
HIST-1223 Turning Points in U.S. History

GREAT WORKS, 6 HOURS
could be used in the major
ARTS-2423 History of Photography & Motion Pictures
ARTS-2433 History of Gaming and Animation
ARTS-3343 Ancient to Modern Art History
ARTS-3353 Contemporary Art

SCIENCE, 6 HOURS

BEHAVIORAL SCIENCE, 3 HOURS
PSYC-1113 General Psychology I

CIVILIZATION, 3 HOURS
could be used in the major
ARTS-3333 History of Design
ARTS-3343 Ancient to Modern Art History
ARTS-3353 Contemporary Art
ARTS-3533 Historical Interior Design I
ARTS-3543 Historical Interior Design II
ARTS-3633 Contemporary Interior Design

LIBERAL ARTS, 3 HOURS
3 hours from Science, Communication, Foreign Language, History, Political Science, English, Psychology, Family Studies, Math, Music.

*For more information on how to apply the study abroad trips to the core curriculum see page # 25

B.F.A. DEGREE IN INTERIOR DESIGN
72 HOURS

This major is for persons wanting a career in residential or commercial interior design or a specialty design area.

An OC graduate with a Bachelor of Fine Arts degree in Interior Design will:
1. Demonstrate effective problem solving skills as applied to visual communications, artistic expression, and graphic design.
2. Demonstrate a working understanding of art history: genres, artists, movements, and practitioners.
3. Articulate an understanding of one's integration of faith and design/artistic expression.
4. Demonstrate the ability to communicate clearly and think independently.
5. Demonstrate a commitment to scholarship and creative expression.
6. Demonstrate an ability to reproduce a visual impression/representation of form, substance, light, and shadow through figure and perspective drawing.

Student must complete a minimum of 126 hours including the major, core, and minor if required. Elective hours may be needed to reach 126 hours.

6 HOURS CORE

ARTS-1113	Fundamentals of Drawing
ARTS-1413	Elements of Visual Thinking

3 HOURS ART HISTORY CHOSEN FROM

ARTS-3333	History of Design
ARTS-3343	Ancient to Modern Art History
ARTS-3353	Contemporary Art

54 HOURS INTERIOR DESIGN

ARTS-1103	Technology for Graphics
ARTS-1623	Introduction to Interior Design
ARTS-1643	Interior Textiles, Materials, and Finishes
ARTS-1653	Computer Aided Design
ARTS-2123	Rendering in Perspective
ARTS-2443	Construction Materials and Details
ARTS-2623	Residential Interior Design
ARTS-2653	Space Planning and Codes
ARTS-2663	Architectural Graphics
ARTS-2743	3D Modeling I
ARTS-3533	Historical Interior Design I
ARTS-3543	Historical Interior Design II
ARTS-3613	Interior Systems
ARTS-3623	Commercial Design I
ARTS-3633	Contemporary Interior Design
ARTS-3643	Commercial Design II
ARTS-4613	Interior Design Professional Practices and Portfolio
ARTS-4633	Senior Interior Design Studio

3 HOURS INTERIOR DESIGN INTERNSHIP

ARTS-4823	Interior Design Internship

6 HOURS BUSINESS CHOSEN FROM

Upper Level Business Courses as approved by Advisor

UNIVERSITY CORE CURRICULUM:
B.F.A. - 55 HOURS - COURSES MAY NOT BE REPEATED WITHIN CORE

COMMUNICATION, 9 HOURS

ENGL-1113	English Composition I
ENGL-1213	English Composition II
COMM-1213	Oral Communication

MATHEMATICS, 3 HOURS

appropriate to major

REQUIRED BIBLE, 8 HOURS

BIBL-1112	The Christian Scholar
BIBL-1312	Life of the Early Church: Acts
BIBL-2202	Story of the Old Testament
BIBL-2302	Story of the New Testament

BIBLE ELECTIVE, 5 HOURS

5 hours of Bible courses, except Missions Experience.

CAPSTONE, 3 HOURS

BIBL-4523	Capstone: Christ and His World

POLITICAL SCIENCE, 3 HOURS

POLS-2113	Introduction to American Politics

AMERICAN HISTORY, 3 HOURS

HIST-1223	Turning Points in U.S. History

GREAT WORKS, 6 HOURS

could be used in the major

ARTS-2423	History of Photography & Motion Pictures
ARTS-2433	History of Gaming and Animation
ARTS-3343	Ancient to Modern Art History
ARTS-3353	Contemporary Art

SCIENCE, 6 HOURS

BEHAVIORAL SCIENCE, 3 HOURS

PSYC-1113	General Psychology I

CIVILIZATION, 3 HOURS

could be used in the major

ARTS-3333	History of Design
ARTS-3343	Ancient to Modern Art History
ARTS-3353	Contemporary Art
ARTS-3533	Historical Interior Design I
ARTS-3543	Historical Interior Design II
ARTS-3633	Contemporary Interior Design

LIBERAL ARTS, 3 HOURS

3 hours from Science, Communication, Foreign Language, History, Political Science, English, Psychology, Family Studies, Math, Music.

*For more information on how to apply the study abroad trips to the core curriculum see page # 25

B.F.A. DEGREE IN PHOTOGRAPHY + VIDEO
72 HOURS

This degree is for persons wanting a professional career in the photographic arts with capabilities in fine art, digital and commercial applications.

An OC graduate with a BA in Photography + Video will:
1. Demonstrate effective problem solving skills as applied to visual communications, artistic expression, and photographic processes.
2. Demonstrate a working understanding of photographic, film and art histories.
3. Articulate an understanding of one's integration of faith and design/artistic expression.
4. Demonstrate the ability to communicate clearly and think independently.
5. Demonstrate a commitment to scholarship and creative expression.

Student must complete a minimum of 126 hours including the major, core, and minor if required. Elective hours may be needed to reach 126 hours.

18 HOURS ART CORE

ARTS-1103	Technology for Graphics
ARTS-1113	Fundamentals of Drawing
ARTS-1413	Elements of Visual Thinking
ARTS-2523	Form and Communication
ARTS-3773	Business of Branding Yourself
ARTS-4213	Open Studio

12 HOURS ART HISTORY

ARTS-2423	History of Photography and Motion Pictures
ARTS-3333	History of Design
ARTS-3343	Ancient to Modern Art History
ARTS-3353	Contemporary Art History

15 HOURS COMMUNICATION DESIGN

ARTS-2223	Introduction to Communication Design
ARTS-2233	Type As Visual Language
ARTS-2323	Digital Design for Print
COMM-2643	Media Production
COMM-3703	Computer Graphics for Broadcast

18 HOURS PHOTOGRAPHY + VIDEO

ARTS-2403	Digital Photography
ARTS-3363	Photography I
ARTS-3373	Photography II
ARTS-3383	Motion Imagery
ARTS-4333	Commercial Studio Photography
ARTS-4653	Photo + Video Capstone

9 HOURS ART ELECTIVES

Take 9 hours from Art department. Internship with approval by advisor.

UNIVERSITY CORE CURRICULUM:
B.F.A. - 55 HOURS - COURSES MAY NOT BE REPEATED WITHIN CORE

COMMUNICATION, 9 HOURS

ENGL-1113	English Composition I
ENGL-1213	English Composition II
COMM-1213	Oral Communication

MATHEMATICS, 3 HOURS

appropriate to major

REQUIRED BIBLE, 8 HOURS

BIBL-1112	The Christian Scholar
BIBL-1312	Life of the Early Church: Acts
BIBL-2202	Story of the Old Testament
BIBL-2302	Story of the New Testament

BIBLE ELECTIVE, 5 HOURS

5 hours of Bible courses, except Missions Experience.

CAPSTONE, 3 HOURS

BIBL-4523	Capstone: Christ and His World

POLITICAL SCIENCE, 3 HOURS

POLS-2113	Introduction to American Politics

AMERICAN HISTORY, 3 HOURS

HIST-1223	Turning Points in U.S. History

GREAT WORKS, 6 HOURS

could be used in the major

ARTS-2423	History of Photography & Motion Pictures
ARTS-2433	History of Gaming and Animation
ARTS-3343	Ancient to Modern Art History
ARTS-3353	Contemporary Art

SCIENCE, 6 HOURS

BEHAVIORAL SCIENCE, 3 HOURS

PSYC-1113	General Psychology I

CIVILIZATION, 3 HOURS

could be used in the major

ARTS-3333	History of Design
ARTS-3343	Ancient to Modern Art History
ARTS-3353	Contemporary Art
ARTS-3533	Historical Interior Design I
ARTS-3543	Historical Interior Design II
ARTS-3633	Contemporary Interior Design

LIBERAL ARTS, 3 HOURS

3 hours from Science, Communication, Foreign Language, History, Political Science, English, Psychology, Family Studies, Math, Music.

*For more information on how to apply the study abroad trips to the core curriculum see page # 25

DEPARTMENT OF
BIOLOGY

AREAS OF STUDY
Biology (BIOL)
Biochemistry (BIOL)
Biochemistry/Molecular Biology (BIOL)
Medical Technology (MEDT)
Science Education
Pre-professional programs: pre-medical, pre-dental, pre-veterinary, pre-physical therapy, pre-occupational therapy, pre-nursing, pre-pharmacy, pre-radiation technology, pre-physician associate, and pre-optometry

DEGREES OFFERED
B.S. Degree in Biochemistry
B.S. Degree in Biology
B.S. Degree in Medical Technology
B.S.E. Degree in Science Education

MINORS
Biology

FACULTY
Timothy VanWagoner, Ph.D., Department Chair, Associate Professor of Biology
Al Mikell, Ph.D., Associate Professor of Biology
Kris Miller, Ph.D., Professor of Biology
Eric Phelps, Ph.D., Assistant Professor of Biology

LOCATION
Biology
Herold Science Hall
Prince Engineering Center
Vose Hall

DEAN
David Lowry, Ph.D., Dean of the College of Arts and Sciences, Professor of Communication

Dean's Office
Mabee Learning Center, 2nd floor, Room 229

PRE-PROFESSIONAL PROGRAMS
Pre-medical, pre-dentistry and other programs: There are many professional programs in the health sciences available to students, requiring a variety of preparations for admittance. Students wanting to become physicians (M.D. or D.O.), dentists, optometrists, podiatrists, or pharmacists usually need to complete a B.S. degree before being accepted into the post- graduate programs.

Because requirements at different professional schools vary, you should decide at which schools you plan to seek admission and work closely with your faculty advisor to make certain that all entrance requirements are met. OC has an excellent record of acceptances into a number of professional schools. Physical therapy (P.T.) and occupational therapy (O.T.) programs are typically master's or doctorate degree programs. Although the requirements for admission are diverse, OC offers the prerequisites for these programs. You should check with the institution offering a P.T. or O.T. program to determine the specific prerequisites. Because of the competition for entry into P.T. and O.T. programs, many students will have to complete a bachelor's degree in biology or psychology while fulfilling the specific prerequisites for entry into the P.T. or O.T. program. For students desiring to gain admission to the P.T. or O.T. programs at the University of Oklahoma Health Sciences Center, a BS degree must be completed.

ALLIED HEALTH SCIENCE AREAS
There are also many other allied health science fields such as physician associate, medical technology, radiation technology, dental hygiene, cytotechnology, environmental health, and industrial hygiene. These programs require from two to four years of undergraduate education before acceptance into the professional program. OC offers the necessary pre-professional education for these programs. Faculty advisors will work with you to plan an acceptable program.

B.S. DEGREE IN BIOCHEMISTRY
79 HOURS

An OC graduate with a Bachelor of Science degree in Biochemistry will:

1. Be prepared for graduate level studies or entry-level positions in fields of scientific investigation.
2. Have acquired a fundamental body of knowledge in the biological and chemical sciences.
3. Be able to think critically and have conducted research in both experimental and theoretical forms.
4. Be able to communicate effectively the results of scientific research and study.
5. Have developed mature Christian attitudes towards scholarship, intellectual honesty and ethical conduct that promote a life-long appreciation for learning.

Student must complete a minimum of 126 hours including the major, core, and minor if required. Elective hours may be needed to reach 126 hours.

7 HOURS MATHEMATICS

MATH-2114	Calculus I with Analytical Geometry
MATH-2913	Statistical Methods

8 HOURS PHYSICS WITH LABORATORY

PHYS-1114	College Physics I
	or
PHYS-2514	Physics I
PHYS-1214	College Physics II
	or
PHYS-2614	Physics II

21 HOURS BIOLOGY/BIOCHEMISTRY

BIOL-1115	General Biology I: Cellular and Molecular Systems
BIOL-3415	General Microbiology
BIOL-4014	Biochemistry I and Lab
BIOL-4123	Biochemistry II
BIOL-4223	Molecular Biology
BIOL-4301	Molecular Biology Lab

27 HOURS CHEMISTRY

CHEM-1115	General Chemistry I
CHEM-1215	General Chemistry II
CHEM-3114	Analytical Chemistry I
CHEM-3115	Organic Chemistry I
CHEM-3124	Organic Chemistry II
CHEM-4113	Physical Chemistry I
CHEM-4121	Physical Chemistry Experiments I

5 HOURS SCIENCE SEMINAR

GNSC-1711	Freshman Science Seminar
GNSC-2711	Sophomore Science Seminar
GNSC-3711	Junior Science Seminar
GNSC-4712	Senior Science Seminar

11 HOURS TECHNICAL ELECTIVES CHOSEN FROM

BIOL-1215	General Biology II: Diversity, Physiology and Ecology
BIOL-2314	Genetics
BIOL-2244	Human Anatomy
	or
BIOL-3115	Human Anatomy with Cadaver Dissection
BIOL-3224	Human Physiology
BIOL-3435	Pathogenic Microbiology
BIOL-4213	Immunology
BIOL-4411	Introduction to Research
BIOL-4412	Undergraduate Research
CHEM-2113	Introduction to Forensic Science
CHEM-3214	Analytical Chemistry II
CHEM-4213	Physical Chemistry II
CHEM-4313	Forensic Toxicology
CHEM-4221	Physical Chemistry Experiments II
CHEM-4414	Inorganic Chemistry
CHEM-4514	Forensic Analysis
CHEM-4611	Research Methods
CHEM-4612	Research Methods
CHEM-4613	Research Methods
CHEM-4711	Practicum in Forensic Science
CHEM-4712	Practicum in Forensic Science
CHEM-4713	Practicum in Forensic Science
MATH-2214	Calculus II with Analytical Geometry

Recommendation

a. Medical School Track — Take Immunology, Human Anatomy, and Human Physiology.
b. Graduate School/Industry Track — Take Calculus II, Physical Chemistry II plus Lab, and Technical Writing.
c. Forensics Track — Include Introduction to Forensic Science, Forensic Toxicology, Forensic Analysis, Practicum in Forensic Science, Human Anatomy with Cadaver Dissection.

No more than 3 hours of Practicum in Forensic Science courses may be counted toward the biochemistry major.

UNIVERSITY CORE CURRICULUM:
B.S. - 55 HOURS - COURSES MAY NOT BE REPEATED WITHIN CORE

COMMUNICATION, 9 HOURS

ENGL-1113	English Composition I
ENGL-1213	English Composition II
COMM-1213	Oral Communication

MATHEMATICS, 3 HOURS
appropriate to major

REQUIRED BIBLE, 8 HOURS

BIBL-1112	The Christian Scholar
BIBL-1312	Life of the Early Church: Acts
BIBL-2202	Story of the Old Testament
BIBL-2302	Story of the New Testament

BIBLE ELECTIVE, 5 HOURS
5 hours of Bible courses, except Missions Experience

CAPSTONE, 3 HOURS

BIBL-4523	Capstone: Christ and His World

POLITICAL SCIENCE, 3 HOURS

POLS-2113	Introduction to American Politics

AMERICAN HISTORY, 3 HOURS

HIST-1223	Turning Points in U.S. History

GREAT WORKS, 3 HOURS
should include literature

ARTS-2013	Survey of Visual Culture
ARTS-2423	History of Photography & Motion Pictures
COMM-2023	History of Theater I
COMM-2033	History of Theater II
ENGL-2213	Perspectives in Literature
MUSC-2013	Music Appreciation
MUSC-3213	Perspectives in World Music

SCIENCE, 6 HOURS USED IN THE MAJOR

CHOOSE 4 OF THE FOLLOWING 5 AREAS:

BEHAVIORAL SCIENCE, 3 HOURS

PSYC-1113	General Psychology I

GREAT WORKS, ADDITIONAL, 3 HOURS
Choose 3 hours from list on the left

WESTERN CIVILIZATION, 3 HOURS

HIST-2923	Perspectives in Western Civilization

NON-WESTERN CIVILIZATION, 3 HOURS

GEOG-2213	World Regional Geography
HIST-2613	The Modern Middle East
MISS-3513	World Religions
MISS-3673	New Religious Movements
MISS-3613	Cultural Anthropology
MUSC-3213	Perspectives in World Music

LIBERAL ARTS, 3 HOURS
outside your major, as approved by your department

*For more information on how to apply the study abroad trips to the core curriculum see page # 25

B.S. DEGREE IN BIOLOGY
70 HOURS

An OC Graduate with a Bachelor of Science degree and in Biology will:
1. Be prepared for graduate level studies or entry-level positions in fields of scientific investigation.
2. Have acquired a fundamental body of knowledge in the biological and physical sciences.
3. Be able to think critically and have conducted research in both experimental and theoretical forms.
4. Be able to communicate effectively the results of scientific research and study.
5. Have developed mature Christian attitudes towards scholarship, intellectual honesty and ethical conduct that promote a life-long appreciation for learning.

Student must complete a minimum of 126 hours including the major, core, and minor if required. Elective hours may be needed to reach 126 hours.

16 HOURS BIOLOGY CORE

BIOL-1115	General Biology I: Cellular and Molecular Systems
BIOL-1215	General Biology II: Comparitive Physiology and Ecology
BIOL-2244	Human Anatomy
BIOL-2314	Genetics

22 HOURS 3000/4000 LEVEL BIOLOGY COURSES

Must include 6 lecture and 4 lab courses
Up to 4 hours can be satisfied by undergraduate research

15 HOURS CHEMISTRY

CHEM-1115	General Chemistry I
CHEM-1215	General Chemistry II
CHEM-3115	Organic Chemistry I

3-4 HOURS MATHEMATICS

MATH-1213	College Algebra
	or
MATH-2114	Calculus I with Analytical Geometry

3 HOURS STATISTICS

MATH-2913	Statistical Methods

3 HOURS TRIGONOMETRY RECOMMENDED, BUT NOT REQUIRED

MATH-1523	Trigonometry

4 HOURS PHYSICS WITH LABORATORY

PHYS-1114	College Physics I
	or
PHYS-2514	Physics I

5 HOURS SCIENCE SEMINAR

GNSC-1711	Freshman Science Seminar
GNSC-2711	Sophomore Science Seminar
GNSC-3711	Junior Science Seminar
GNSC-4712	Senior Science Seminar

NOTE: PROGRAM REQUIREMENTS:

Before taking any 3000/4000 level biology classes, you must:
1. Complete 16 hours of core biology
2. Maintain a science GPA of 2.5
3. Complete all prerequisite courses with a grade of C or better.
4. Complete GNSC-1711 and GNSC-2711; while enrolled, students must seek approval to add upper division biology courses.
5. Complete ENGL-2113 with a grade of C or better.
6. Obtain departmental approval.

UNIVERSITY CORE CURRICULUM:
B.S. - 55 HOURS - COURSES MAY NOT BE REPEATED WITHIN CORE

COMMUNICATION, 9 HOURS

ENGL-1113	English Composition I
ENGL-1213	English Composition II
COMM-1213	Oral Communication

MATHEMATICS, 3 HOURS
appropriate to major

REQUIRED BIBLE, 8 HOURS

BIBL-1112	The Christian Scholar
BIBL-1312	Life of the Early Church: Acts
BIBL-2202	Story of the Old Testament
BIBL-2302	Story of the New Testament

BIBLE ELECTIVE, 5 HOURS
5 hours of Bible courses, except Missions Experience

CAPSTONE, 3 HOURS

BIBL-4523	Capstone: Christ and His World

POLITICAL SCIENCE, 3 HOURS

POLS-2113	Introduction to American Politics

AMERICAN HISTORY, 3 HOURS

HIST-1223	Turning Points in U.S. History

GREAT WORKS, 3 HOURS
should include literature

ARTS-2013	Survey of Visual Culture
ARTS-2423	History of Photography & Motion Pictures
COMM-2023	History of Theater I
COMM-2033	History of Theater II
ENGL-2213	Perspectives in Literature
MUSC-2013	Music Appreciation
MUSC-3213	Perspectives in World Music

SCIENCE, 6 HOURS USED IN THE MAJOR

CHOOSE 4 OF THE FOLLOWING 5 AREAS:

BEHAVIORAL SCIENCE, 3 HOURS

PSYC-1113	General Psychology I

GREAT WORKS, ADDITIONAL, 3 HOURS
Choose 3 hours from list on the left

WESTERN CIVILIZATION, 3 HOURS

HIST-2923	Perspectives in Western Civilization

NON-WESTERN CIVILIZATION, 3 HOURS

GEOG-2213	World Regional Geography
HIST-2613	The Modern Middle East
MISS-3513	World Religions
MISS-3673	New Religious Movements
MISS-3613	Cultural Anthropology
MUSC-3213	Perspectives in World Music

LIBERAL ARTS, 3 HOURS
outside your major, as approved by your department

*For more information on how to apply the study abroad trips to the core curriculum see page # 25

B.S. DEGREE IN CELLULAR AND MOLECULAR BIOLOGY
78 HOURS

This major consists of four years of study in biology, biochemistry, chemistry, and physics that is designed to prepare students for future professional and graduate level programs. This major would be appropriate for students interested in a pre-med course of study.

An OC Graduate with a Bachelor of Science degree and in Biology will:

1. Be prepared for graduate level studies or entry-level positions in fields of scientific investigation.
2. Have acquired a fundamental body of knowledge in the biological and physical sciences.
3. Be able to think critically and have conducted research in both experimental and theoretical forms.
4. Be able to communicate effectively the results of scientific research and study.
5. Have developed mature Christian attitudes towards scholarship, intellectual honesty and ethical conduct that promote a life-long appreciation for learning.

Student must complete a minimum of 126 hours including the major, core, and minor if required. Elective hours may be needed to reach 126 hours.

14 HOURS BIOLOGY CORE

BIOL-1115	General Biology I: Cellular and Molecular Systems
BIOL-1215	General Biology II: Diversity, Physiology and Ecology
BIOL-2314	Genetics

14 HOURS REQUIRED UPPER DIVISION BIOLOGY

BIOL-4014	Biochemistry I
BIOL-4123	Biochemistry II
BIOL-4223	Molecular Biology
BIOL-4301	Molecular Biology Lab
BIOL-4323	Advanced Cellular Biology

12 HOURS ELECTIVE UPPER DIVSION BIOLOGY

3000/4000 Biology
maximum 4 hours of Undergraduate Research or Field Medicine Practicum

19 HOURS CHEMISTRY

CHEM-1115	General Chemistry I
CHEM-1215	General Chemistry II
CHEM-3115	Organic Chemistry I
CHEM-3124	Organic Chemistry II

8 HOURS PHYSICS WITH LABORATORY

PHYS-1114	College Physics I
	or
PHYS-2514	Physics I
PHYS-1214	College Physics II
	or
PHYS 2614	Physics II

3-4 HOURS MATHEMATICS

MATH-1213	College Algebra
	or
MATH-2114	Calculus I with Analytical Geometry

3 HOURS STATISTICS

MATH-2913	Statistical Methods

5 HOURS SCIENCE SEMINAR

GNSC-1711	Freshman Science Seminar
GNSC-2711	Sophomore Science Seminar
GNSC-3711	Junior Science Seminar
GNSC-4712	Senior Science Seminar

Note: Transfer students must complete at least 30 hours (two semesters) at OC to be eligible to enroll in the clinical training courses.
During your participation in the clinical year of the medical technology program, your scholarships will be replaced by a med tech scholarship equal to the cost of full-time OC tuition, minus the cost of the medical technology program fee.

UNIVERSITY CORE CURRICULUM:
B.S. - 55 HOURS - COURSES MAY NOT BE REPEATED WITHIN CORE

COMMUNICATION, 9 HOURS

ENGL-1113	English Composition I
ENGL-1213	English Composition II
COMM-1213	Oral Communication

MATHEMATICS, 3 HOURS
appropriate to major

REQUIRED BIBLE, 8 HOURS

BIBL-1112	The Christian Scholar
BIBL-1312	Life of the Early Church: Acts
BIBL-2202	Story of the Old Testament
BIBL-2302	Story of the New Testament

BIBLE ELECTIVE, 5 HOURS
5 hours of Bible courses, except Missions Experience

CAPSTONE, 3 HOURS

BIBL-4523	Capstone: Christ and His World

POLITICAL SCIENCE, 3 HOURS

POLS-2113	Introduction to American Politics

AMERICAN HISTORY, 3 HOURS

HIST-1223	Turning Points in U.S. History

GREAT WORKS, 3 HOURS
should include literature

ARTS-2013	Survey of Visual Culture
ARTS-2423	History of Photography & Motion Pictures
COMM-2023	History of Theater I
COMM-2033	History of Theater II
ENGL-2213	Perspectives in Literature
MUSC-2013	Music Appreciation
MUSC-3213	Perspectives in World Music

SCIENCE, 6 HOURS USED IN THE MAJOR

CHOOSE 4 OF THE FOLLOWING 5 AREAS:

BEHAVIORAL SCIENCE, 3 HOURS

PSYC-1113	General Psychology I

GREAT WORKS, ADDITIONAL, 3 HOURS
Choose 3 hours from list on the left

WESTERN CIVILIZATION, 3 HOURS

HIST-2923	Perspectives in Western Civilization

NON-WESTERN CIVILIZATION, 3 HOURS

GEOG-2213	World Regional Geography
HIST-2613	The Modern Middle East
MISS-3513	World Religions
MISS-3673	New Religious Movements
MISS-3613	Cultural Anthropology
MUSC-3213	Perspectives in World Music

LIBERAL ARTS, 3 HOURS
outside your major, as approved by your department

*For more information on how to apply the study abroad trips to the core curriculum see page # 25

B.S. DEGREE IN MEDICAL TECHNOLOGY
71 HOURS

The major consists of three years of university work plus 12 months of clinical training in a hospital lab school of medical technology accredited by the National Accrediting Agency for Clinical Laboratory Sciences. OC has affiliation agreements with a number of such schools. Acceptance into the clinical program will be determined by the affiliated hospital.

An OC graduate with a Bachelor of Science degree in Medical Technology will:
1. Be prepared for graduate level studies in Medical Technology or entry-level positions in the field of Medical Technology.
2. Be able to think critically and have acquired a fundamental framework of knowledge in mathematics, chemistry, and life-science applications that will withstand the rapid evolution of modern lab techniques critical in medical practice.
3. Have acquired a fundamental knowledge of clinical practices through intensive clinical training.
4. Have developed a sense of absolute integrity governing lab medicine and mature Christian attitudes towards scholarship, intellectual honesty, and ethical conduct that promote a life-long appreciation for learning.

Student must complete a minimum of 126 hours including the major, core, and minor if required. Elective hours may be needed to reach 126 hours.

15 HOURS CHEMISTRY

CHEM-1115	General Chemistry I
CHEM-1215	General Chemistry II
CHEM-3115	Organic Chemistry I

4 HOURS ELECTIVES SELECTED FROM

CHEM-3214	Organic Chemistry II
CHEM-4014	Biochemistry I with Lab

12 HOURS UPPER DIVISION BIOLOGY

BIOL-3224	Human Physiology
BIOL-3415	General Microbiology
BIOL-4213	Immunology

4 HOURS ELECTIVES SELECTED FROM

BIOL-2244	Human Anatomy
BIOL-2314	Genetics
BIOL-3524	Invertebrate Zoology and Parasitology

3 HOURS ALGEBRA

MATH-1213	College Algebra

3 HOURS SCIENCE SEMINAR

GNSC-1711	Freshman Science Seminar
GNSC-2711	Sophomore Science Seminar
GNSC-3711	Junior Science Seminar

ELECTIVE HOURS TO TOTAL OF 96 HOURS

COMPLETE 30 HOURS CLINICAL TRAINING

MEDT-4117	Clinical Microbiology
MEDT-4125	Clinical Chemistry
MEDT-4236	Clinical Hematology
MEDT-4246	Clinical Immunology
MEDT-4325	Clinical Chemistry II
MEDT-4351	Topics in Medical Technology

Note: Transfer students must complete at least 30 hours (two semesters) at OC to be eligible to enroll in the clinical training courses.
During your participation in the clinical year of the medical technology program, your scholarships will be replaced by a med tech scholarship equal to the cost of full-time OC tuition, minus the cost of the medical technology program fee.

UNIVERSITY CORE CURRICULUM:
B.S. - 55 HOURS - COURSES MAY NOT BE REPEATED WITHIN CORE

COMMUNICATION, 9 HOURS

ENGL-1113	English Composition I
ENGL-1213	English Composition II
COMM-1213	Oral Communication

MATHEMATICS, 3 HOURS
appropriate to major

REQUIRED BIBLE, 8 HOURS

BIBL-1112	The Christian Scholar
BIBL-1312	Life of the Early Church: Acts
BIBL-2202	Story of the Old Testament
BIBL-2302	Story of the New Testament

BIBLE ELECTIVE, 5 HOURS
5 hours of Bible courses, except Missions Experience

CAPSTONE, 3 HOURS

BIBL-4523	Capstone: Christ and His World

POLITICAL SCIENCE, 3 HOURS

POLS-2113	Introduction to American Politics

AMERICAN HISTORY, 3 HOURS

HIST-1223	Turning Points in U.S. History

GREAT WORKS, 3 HOURS
should include literature

ARTS-2013	Survey of Visual Culture
ARTS-2423	History of Photography & Motion Pictures
COMM-2023	History of Theater I
COMM-2033	History of Theater II
ENGL-2213	Perspectives in Literature
MUSC-2013	Music Appreciation
MUSC-3213	Perspectives in World Music

SCIENCE, 6 HOURS USED IN THE MAJOR

CHOOSE 4 OF THE FOLLOWING 5 AREAS:

BEHAVIORAL SCIENCE, 3 HOURS

PSYC-1113	General Psychology I

GREAT WORKS, ADDITIONAL, 3 HOURS
Choose 3 hours from list on the left

WESTERN CIVILIZATION, 3 HOURS

HIST-2923	Perspectives in Western Civilization

NON-WESTERN CIVILIZATION, 3 HOURS

GEOG-2213	World Regional Geography
HIST-2613	The Modern Middle East
MISS-3513	World Religions
MISS-3673	New Religious Movements
MISS-3613	Cultural Anthropology
MUSC-3213	Perspectives in World Music

LIBERAL ARTS, 3 HOURS
outside your major, as approved by your department

*For more information on how to apply the study abroad trips to the core curriculum see page # 25

B.S.E. DEGREE IN SCIENCE EDUCATION, BIOLOGY 81 HOURS, PROFESSIONAL EDUCATION MINOR INCLUDED

An OC graduate with a Bachelor of Science in Education degree in Science will:

1. Have acquired competency in a broad general education through study in the liberal arts by successfully completing the university core curriculum and passing the Oklahoma General Education Test (OGET).
2. Demonstrate an in-depth knowledge of their chosen area of science by achieving a 3.00 GPA in the major field and passing the Oklahoma Subject Area Test (OSAT) appropriate to the major field.

Student must complete a minimum of 126 hours including the major, core, and minor if required. Elective hours may be needed to reach 126 hours.

20 HOURS CORE SCIENCE COURSES

CHEM-1115	General Chemistry I
CHEM-1215	General Chemistry II
GNSC-1711	Freshman Science Seminar
GNSC-2313	Physical Science I: The Earth
GNSC-3711	Junior Science Seminar
GNSC-4721	Science Modeling and Strategies
PHYS-1114	College Physics I

BIOLOGY, 27 HOURS

BIOL-1115	General Biology I: Cellular and Molecular Systems
BIOL-1215	General Biology II: Comparitive Physiology and Ecology
BIOl-2244	Human Anatomy
BIOL-2314	Genetics
BIOL-3224	Human Physiology
BIOL-3415	General Microbiology

LICENSURE: SCIENCE – GRADES 6-12

25 SEMESTER HOURS, PROFESSIONAL EDUCATION

EDUC-3121	Orientation to Teacher Education
EDUC-3122	The School in American Culture
EDUC-3213	Learning, Instruction and Assessment
EDUC-3422	Educational Technology
EDUC-3723	Education of the Exceptional Child
EDUC-4013	Human Relations and Behavior Management
EDUC-4131	Applied Instructional and Assessment Strategies
EDUC-4132	Critical Issues in Education
EDUC-4718	Student Teaching in the Secondary Schools

5 HOURS, OTHER COURSES

EDUC-4112	Reading in the Content Areas
PSYC-3523	Developmental Psychology

3 HOURS, METHODS COURSE

EDUC-4533	Methods of Teaching Science in Secondary Schools

FOREIGN LANGUAGE COMPETENCY

Choose one:

High School Foreign Language – 2 years of same language with a grade of "C" or better

University credit – 3 hours foreign language or American Sign Language with a grade of "C" or better.

UNIVERSITY CORE CURRICULUM: B.S.E. - 55 HOURS - COURSES MAY NOT BE REPEATED WITHIN CORE

COMMUNICATION, 9 HOURS

ENGL-1113	English Composition I
ENGL-1213	English Composition II
COMM-1213	Oral Communication

MATHEMATICS, 3 HOURS

appropriate to major

REQUIRED BIBLE, 8 HOURS

BIBL-1112	The Christian Scholar
BIBL-1312	Life of the Early Church:
BIBL-2202	Story of the Old Testament
BIBL-2302	Story of the New Testament

BIBLE ELECTIVE, 5 HOURS

5 hours of Bible courses, except Missions Experience

CAPSTONE, 3 HOURS

BIBL-4523	Capstone: Christ and His World

POLITICAL SCIENCE, 3 HOURS

POLS-2113	Introduction to American Politics

AMERICAN HISTORY, 3 HOURS

HIST-1223	Turning Points in U.S. History

GREAT WORKS, 3 HOURS

ENGL-2213	Perspectives in Literature

SCIENCE, 6 HOURS, USED IN THE MAJOR

BEHAVIORAL SCIENCE, 6 HOURS

PSYC-1113	General Psychology I
PSYC-3523	Developmental Psychology

LIBERAL ARTS, 6 HOURS

6 hours from English, Fine Arts, History, Math, or Science as approved by the department

*For more information on how to apply the study abroad trips to the core curriculum see page # 25

DEPARTMENT OF
CHEMISTRY & PHYSICS

AREAS OF STUDY
Biochemistry (CHEM)
Chemistry (CHEM)
Forensic Science (CHEM)
General Science (GNSC)
Science Education

DEGREES OFFERED
B.S. Degree in Biochemistry
B.S. Degree in Chemistry
B.S. Degree in Forensic Science
B.S.E. Degree in Science Education

MINORS
Chemistry
Physical Science

FACULTY
William Luttrell, Ph.D., Department Chair, Professor of Chemistry
Christopher Austin, Ph.D., Assistant Professor of Physics
Leonard Feuerhelm, Ph.D., J.D., Professor of Physics
Amanda Nichols, Ph.D., Assistant Professor of Chemistry
Howard Vogel, Ph.D., Associate Professor of Chemistry

LOCATION
Herold Science Hall
Noble Science Wing
Prince Engineering Center
Vose Hall

DEAN
David Lowry, Ph.D., Dean of the College
of Arts and Sciences, Professor of Communication

Dean's Office
Mabee Learning Center, 2nd floor, Room 229

B.S. DEGREE IN BIOCHEMISTRY
79 HOURS

An OC graduate with a Bachelor of Science degree in Biochemistry will:

1. Be prepared for graduate level studies or entry-level positions in fields of scientific investigation.
2. Have acquired a fundamental body of knowledge in the biological and chemical sciences.
3. Be able to think critically and have conducted research in both experimental and theoretical forms.
4. Be able to communicate effectively the results of scientific research and study.
5. Have developed mature Christian attitudes towards scholarship, intellectual honesty and ethical conduct that promote a life-long appreciation for learning.

Student must complete a minimum of 126 hours including the major, core, and minor if required. Elective hours may be needed to reach 126 hours.

7 HOURS MATHEMATICS

MATH-2114	Calculus I with Analytical Geometry
MATH-2913	Statistical Methods

8 HOURS PHYSICS WITH LABORATORY

PHYS-1114	College Physics I
	or
PHYS-2514	Physics I
PHYS-1214	College Physics II
	or
PHYS-2614	Physics II

21 HOURS BIOLOGY/BIOCHEMISTRY

BIOL-1115	General Biology I: Cellular and Molecular Systems
BIOL-3415	General Microbiology
BIOL-4014	Biochemistry I and Lab
BIOL-4123	Biochemistry II
BIOL-4223	Molecular Biology
BIOL-4301	Molecular Biology Lab

27 HOURS CHEMISTRY

CHEM-1115	General Chemistry I
CHEM-1215	General Chemistry II
CHEM-3114	Analytical Chemistry I
CHEM-3115	Organic Chemistry I
CHEM-3124	Organic Chemistry II
CHEM-4113	Physical Chemistry I
CHEM-4121	Physical Chemistry Experiments I

5 HOURS SCIENCE SEMINAR

GNSC-1711	Freshman Science Seminar
GNSC-2711	Sophomore Science Seminar
GNSC-3711	Junior Science Seminar
GNSC-4712	Senior Science Seminar

11 HOURS TECHNICAL ELECTIVES CHOSEN FROM

BIOL-1215	General Biology II: Diversity, Physiology and Ecology
BIOL-2314	Genetics
BIOL-2244	Human Anatomy
	or
BIOL-3115	Human Anatomy with Cadaver Dissection
BIOL-3224	Human Physiology
BIOL-3435	Pathogenic Microbiology
BIOL-4213	Immunology
BIOL-4411	Introduction to Research
BIOL-4412	Undergraduate Research
CHEM-2113	Introduction to Forensic Science
CHEM-3214	Analytical Chemistry II
CHEM-4213	Physical Chemistry II
CHEM-4313	Forensic Toxicology
CHEM-4221	Physical Chemistry Experiments II
CHEM-4414	Inorganic Chemistry
CHEM-4514	Forensic Analysis
CHEM-4611	Research Methods
CHEM-4612	Research Methods
CHEM-4613	Research Methods
CHEM-4711	Practicum in Forensic Science
CHEM-4712	Practicum in Forensic Science
CHEM-4713	Practicum in Forensic Science
MATH-2214	Calculus II with Analytical Geometry

Recommendation

a. Medical School Track — Take Immunology, Human Anatomy, and Human Physiology.
b. Graduate School/Industry Track — Take Calculus II, Physical Chemistry II plus Lab, and Technical Writing.
c. Forensics Track — Include Introduction to Forensic Science, Forensic Toxicology, Forensic Analysis, Practicum in Forensic Science, Human Anatomy with Cadaver Dissection.

No more than 3 hours of Practicum in Forensic Science courses may be counted toward the biochemistry major.

UNIVERSITY CORE CURRICULUM:
B.S. - 55 HOURS - COURSES MAY NOT BE REPEATED WITHIN CORE

COMMUNICATION, 9 HOURS

ENGL-1113	English Composition I
ENGL-1213	English Composition II
COMM-1213	Oral Communication

MATHEMATICS, 3 HOURS
appropriate to major

REQUIRED BIBLE, 8 HOURS

BIBL-1112	The Christian Scholar
BIBL-1312	Life of the Early Church: Acts
BIBL-2202	Story of the Old Testament
BIBL-2302	Story of the New Testament

BIBLE ELECTIVE, 5 HOURS
5 hours of Bible courses, except Missions Experience

CAPSTONE, 3 HOURS

BIBL-4523	Capstone: Christ and His World

POLITICAL SCIENCE, 3 HOURS

POLS-2113	Introduction to American Politics

AMERICAN HISTORY, 3 HOURS

HIST-1223	Turning Points in U.S. History

GREAT WORKS, 3 HOURS
should include literature

ARTS-2013	Survey of Visual Culture
ARTS-2423	History of Photography & Motion Pictures
COMM-2023	History of Theater I
COMM-2033	History of Theater II
ENGL-2213	Perspectives in Literature
MUSC-2013	Music Appreciation
MUSC-3213	Perspectives in World Music

SCIENCE, 6 HOURS USED IN THE MAJOR

CHOOSE 4 OF THE FOLLOWING 5 AREAS:

BEHAVIORAL SCIENCE, 3 HOURS

PSYC-1113	General Psychology I

GREAT WORKS, ADDITIONAL, 3 HOURS
Choose 3 hours from list on the left

WESTERN CIVILIZATION, 3 HOURS

HIST-2923	Perspectives in Western Civilization

NON-WESTERN CIVILIZATION, 3 HOURS

GEOG-2213	World Regional Geography
HIST-2613	The Modern Middle East
MISS-3513	World Religions
MISS-3673	New Religious Movements
MISS-3613	Cultural Anthropology
MUSC-3213	Perspectives in World Music

LIBERAL ARTS, 3 HOURS
outside your major, as approved by your department

*For more information on how to apply the study abroad trips to the core curriculum see page # 25

B.S. DEGREE IN CHEMISTRY
78 HOURS

An OC graduate with a Bachelor of Science degree in Chemistry will:

1 Be able to think critically, with special emphasis on application to his or her scientific field. The department will provide a solid foundation of technical knowledge and essential methodologies for learning and practice that will permit these graduates to be productive and successful in graduate school, professional school, or industry.
2. Serve in the Christian community in all areas of life. Graduates will have internalized a personal faith in God exhibited by:
   a. Ethical decision making in the workplace;
   b. An exemplary work ethic and lifestyle consistent with a Christian worldview; and
   c. A stable life that successfully balances career, family, church, and community.
3. Communicate effectively with the tools of the information age. Graduates will have been exposed to both written and oral scientific communication, and will have had the opportunity to both write and present scientific work. Where possible, students will have been involved in undergraduate research and will make presentations of their own research.

Student must complete a minimum of 126 hours including the major, core, and minor if required. Elective hours may be needed to reach 126 hours.

12 HOURS CALCULUS

MATH-2114	Calculus I with Analytical Geometry
MATH-2214	Calculus II with Analytical Geometry
MATH-2314	Calculus III

11 HOURS PHYSICS AND LABORATORY

PHYS-2514	Physics I
PHYS-2614	Physics II
PHYS-3313	Modern Physics

43 HOURS CHEMISTRY

CHEM-1115	General Chemistry I
CHEM-1215	General Chemistry II
CHEM-3114	Analytical Chemistry I
CHEM-3115	Organic Chemistry I
CHEM-3124	Organic Chemistry II
CHEM-3214	Analytical Chemistry II
CHEM-4014	Biochemistry I and Lab
CHEM-4113	Physical Chemistry I
CHEM-4121	Physical Chemistry Experiments I
CHEM-4213	Physical Chemistry II
CHEM-4221	Physical Chemistry Experiments II
CHEM-4414	Inorganic Chemistry

7 HOURS TECHNICAL ELECTIVES CHOSEN FROM

CHEM-4123	Biochemistry II
CHEM-4313	Forensic Toxicology
CHEM-4514	Forensic Analysis
CHEM-4611	Research Methods
CHEM-4612	Research Methods
CHEM-4613	Research Methods
CHEM-4711	Practicum in Forensic Science
CHEM-4712	Practicum in Forensic Science
CHEM-4713	Practicum in Forensic Science

No more than 3 hours of Practicum in Forensic Science courses may be counted toward the chemistry major.

5 HOURS SCIENCE SEMINAR

GNSC-1711	Freshman Science Seminar
GNSC-2711	Sophomore Science Seminar
GNSC-3711	Junior Science Seminar
GNSC-4712	Senior Science Seminar

Students planning to pursue graduate work in chemistry should include MATH-3013-Differential Equations and one computer science course (CMSC-1113-Programming I, CMSC-1123-Programming II, or CMSC-2133-Object Oriented Programming).

UNIVERSITY CORE CURRICULUM:
B.S. - 55 HOURS - COURSES MAY NOT BE REPEATED WITHIN CORE

COMMUNICATION, 9 HOURS

ENGL-1113	English Composition I
ENGL-1213	English Composition II
COMM-1213	Oral Communication

MATHEMATICS, 3 HOURS
appropriate to major

REQUIRED BIBLE, 8 HOURS

BIBL-1112	The Christian Scholar
BIBL-1312	Life of the Early Church: Acts
BIBL-2202	Story of the Old Testament
BIBL-2302	Story of the New Testament

BIBLE ELECTIVE, 5 HOURS
5 hours of Bible courses, except Missions Experience

CAPSTONE, 3 HOURS

BIBL-4523	Capstone: Christ and His World

POLITICAL SCIENCE, 3 HOURS

POLS-2113	Introduction to American Politics

AMERICAN HISTORY, 3 HOURS

HIST-1223	Turning Points in U.S. History

GREAT WORKS, 3 HOURS
should include literature

ARTS-2013	Survey of Visual Culture
ARTS-2423	History of Photography & Motion Pictures
COMM-2023	History of Theater I
COMM-2033	History of Theater II
ENGL-2213	Perspectives in Literature
MUSC-2013	Music Appreciation
MUSC-3213	Perspectives in World Music

SCIENCE, 6 HOURS USED IN THE MAJOR

CHOOSE 4 OF THE FOLLOWING 5 AREAS:

BEHAVIORAL SCIENCE, 3 HOURS

PSYC-1113	General Psychology I

GREAT WORKS, ADDITIONAL, 3 HOURS
Choose 3 hours from list on the left

WESTERN CIVILIZATION, 3 HOURS

HIST-2923	Perspectives in Western Civilization

NON-WESTERN CIVILIZATION, 3 HOURS

GEOG-2213	World Regional Geography
HIST-2613	The Modern Middle East
MISS-3513	World Religions
MISS-3673	New Religious Movements
MISS-3613	Cultural Anthropology
MUSC-3213	Perspectives in World Music

LIBERAL ARTS, 3 HOURS
outside your major, as approved by your department

*For more information on how to apply the study abroad trips to the core curriculum see page # 25

B.S. DEGREE IN FORENSIC SCIENCE
78 HOURS

An OC graduate with a Bachelor of Science degree in Forensic Science will:

1. Be prepared for graduate level studies in forensic science or entry-level positions in a forensic science laboratory.
2. Have acquired fundamental knowledge in the biological and chemical sciences with specific knowledge in forensic science.
3. Be able to think critically and conduct research experimentally and theoretically.
4. Be able to communicate effectively orally and in writing the results of scientific research and study.
5. Have developed mature Christian attitudes that will foster scholarship, intellectual honesty, and ethical conduct; having a good grasp of the concepts of justice and mercy.

Student must complete a minimum of 126 hours including the major, core, and minor if required. Elective hours may be needed to reach 126 hours.

6 HOURS MATHEMATICS

MATH-1213	College Algebra
MATH-2913	Statistical Methods

8 HOURS PHYSICS WITH LABORATORY

PHYS-1114	College Physics I
PHYS-1214	College Physics II

5 HOURS BIOLOGY WITH LABORATORY

BIOL-1115	General Biology I: Cellular and Molecular Systems

31 HOURS CHEMISTRY

CHEM-1115	General Chemistry I
CHEM-1215	General Chemistry II
CHEM-3115	Organic Chemistry I
CHEM-3124	Organic Chemistry II
CHEM-3114	Analytical Chemistry I
CHEM-3214	Analytical Chemistry II
CHEM-4014	Biochemistry I and Lab

16 HOURS FORENSIC SCIENCE

CHEM-2113	Introduction to Forensic Science
GNSC-3113	Forensic Science and the Law
CHEM-4313	Forensic Toxicology
CHEM-4514	Forensic Analysis
CHEM-4713	Practicum in Forensic Science

5 HOURS OF SCIENCE SEMINAR

GNSC-1711	Freshman Science Seminar
GNSC-2711	Sophomore Science Seminar
GNSC-3711	Junior Science Seminar
GNSC-4712	Senior Science Seminar

7 HOURS TECHNICAL ELECTIVES CHOSEN FROM

BIOL-2314	Genetics
BIOL-2523	Anatomy & Physiology I
BIOL-2623	Anatomy & Physiology II
BIOL-3224	Human Physiology
BIOL-3435	Pathogenic Microbiology
BIOL-4223	Molecular Biology
BIOL-4301	Molecular Biology Lab
CHEM-4613	Research Methods
MATH-2114	Calculus I with Analytical Geometry
PSYC-3313	Abnormal Psychology
PSYC-3913	Psychology of Crime
PSYC-4413	Biological Psychology
PSYC-4423	Drugs and Psycho Pharmacology

Technical electives should be chosen based upon degree track. BIOL-3115, 3224, and/or 3435 are recommended for toxicology-related career/graduate school. DNA-related career/graduate school requires BIOL-2314, 4223, and 4301. Graduate studies in psychological forensic science recommend PSYC-3313, 3913, 4413, and 4423. MATH-2114 and CHEM-4613 are recommended for any graduate school preparation in forensic chemistry.

UNIVERSITY CORE CURRICULUM:
B.S. - 55 HOURS - COURSES MAY NOT BE REPEATED WITHIN CORE

COMMUNICATION, 9 HOURS

ENGL-1113	English Composition I
ENGL-1213	English Composition II
COMM-1213	Oral Communication

MATHEMATICS, 3 HOURS
appropriate to major

REQUIRED BIBLE, 8 HOURS

BIBL-1112	The Christian Scholar
BIBL-1312	Life of the Early Church: Acts
BIBL-2202	Story of the Old Testament
BIBL-2302	Story of the New Testament

BIBLE ELECTIVE, 5 HOURS
5 hours of Bible courses, except Missions Experience

CAPSTONE, 3 HOURS

BIBL-4523	Capstone: Christ and His World

POLITICAL SCIENCE, 3 HOURS

POLS-2113	Introduction to American Politics

AMERICAN HISTORY, 3 HOURS

HIST-1223	Turning Points in U.S. History

GREAT WORKS, 3 HOURS
should include literature

ARTS-2013	Survey of Visual Culture
ARTS-2423	History of Photography & Motion Pictures
COMM-2023	History of Theater I
COMM-2033	History of Theater II
MUSC-2013	Music Appreciation
MUSC-3213	Perspectives in World Music

SCIENCE, 6 HOURS USED IN THE MAJOR

CHOOSE 4 OF THE FOLLOWING 5 AREAS:

BEHAVIORAL SCIENCE, 3 HOURS

PSYC-1113	General Psychology I

GREAT WORKS, ADDITIONAL, 3 HOURS
Choose 3 hours from list on the left

WESTERN CIVILIZATION, 3 HOURS

HIST-2923	Perspectives in Western Civilization

NON-WESTERN CIVILIZATION, 3 HOURS

GEOG-2213	World Regional Geography
HIST-2613	The Modern Middle East
MISS-3513	World Religions
MISS-3673	New Religious Movements
MISS-3613	Cultural Anthropology
MUSC-3213	Perspectives in World Music

LIBERAL ARTS, 3 HOURS
outside your major, as approved by your department

*For more information on how to apply the study abroad trips to the core curriculum see page # 25

B.S.E. DEGREE IN SCIENCE EDUCATION, PHYSICAL SCIENCE 75 HOURS, PROFESSIONAL EDUCATION MINOR INCLUDED

The requirements for a minor in professional education must also be met.

An OC graduate with a Bachelor of Science in Education degree in Science will:
1. Have acquired competency in a broad general education through study in the liberal arts by successfully completing the university core curriculum and passing the Oklahoma General Education Test (OGET).
2. Demonstrate an in-depth knowledge of their chosen area of science by achieving a 3.00 GPA in the major field and passing the Oklahoma Subject Area Test (OSAT) appropriate to the major field.

Student must complete a minimum of 126 hours including the major, core, and minor if required. Elective hours may be needed to reach 126 hours.

20 HOURS CORE SCIENCE COURSES

CHEM-1115	General Chemistry I
CHEM-1215	General Chemistry II
GNSC-1711	Freshman Science Seminar
GNSC-2313	Physical Science I: The Earth
GNSC-2323	Physical Science II: Astronomy
GNSC-3711	Junior Science Seminar
GNSC-4721	Science Modeling and Strategies
PHYS-1114	College Physics I

12 HOURS PHYSICAL SCIENCE

CHEM-2113	Introduction to Forensic Chemistry
CHEM-3115	Organic Chemistry I
PHYS-1214	College Physics II

7 HOURS UPPER DIVISION CHEMISTRY OR PHYSICS

LICENSURE: SCIENCE – GRADES 6-12

25 SEMESTER HOURS, PROFESSIONAL EDUCATION

EDUC-3121	Orientation to Teacher Education
EDUC-3122	The School in American Culture
EDUC-3213	Learning, Instruction and Assessment
EDUC-3422	Educational Technology
EDUC-3723	Education of the Exceptional Child
EDUC-4013	Human Relations and Behavior Management
EDUC-4131	Applied Instructional and Assessment Strategies
EDUC-4132	Critical Issues in Education
EDUC-4718	Student Teaching in the Secondary Schools

5 HOURS OTHER COURSES

EDUC-4112	Reading in the Content Areas
PSYC-3523	Developmental Psychology

3 HOURS, METHODS COURSE

EDUC-4533	Methods of Teaching Science in Secondary Schools

FOREIGN LANGUAGE COMPETENCY

Choose one:
High School Foreign Language – 2 years of same language with a grade of "C" or better

University credit – 3 hours foreign language or American Sign Language with a grade of "C" or better.

UNIVERSITY CORE CURRICULUM: B.S.E. - 55 HOURS - COURSES MAY NOT BE REPEATED WITHIN CORE

COMMUNICATION, 9 HOURS

ENGL-1113	English Composition I
ENGL-1213	English Composition II
COMM-1213	Oral Communication

MATHEMATICS, 3 HOURS
appropriate to major

REQUIRED BIBLE, 8 HOURS

BIBL-1112	The Christian Scholar
BIBL-1312	Life of the Early Church:
BIBL-2202	Story of the Old Testament
BIBL-2302	Story of the New Testament

BIBLE ELECTIVE, 5 HOURS
5 hours of Bible courses, except Missions Experience

CAPSTONE, 3 HOURS

BIBL-4523	Capstone: Christ and His World

POLITICAL SCIENCE, 3 HOURS

POLS-2113	Introduction to American Politics

AMERICAN HISTORY, 3 HOURS

HIST-1223	Turning Points in U.S. History

GREAT WORKS, 3 HOURS

ENGL-2213	Perspectives in Literature

SCIENCE, 6 HOURS, USED IN THE MAJOR
BEHAVIORAL SCIENCE, 6 HOURS

PSYC-1113	General Psychology I
PSYC-3523	Developmental Psychology

LIBERAL ARTS, 6 HOURS
6 hours from English, Fine Arts, History, Math, or Science as approved by the department

*For more information on how to apply the study abroad trips to the core curriculum see page # 25

DEPARTMENT OF
COMMUNICATION

AREAS OF STUDY
Communication (COMM)

DEGREES OFFERED
B.S. Degree in Journalism
B.S. Degree in Mass Communication Electronic Media Creative Media
B.S. Degree in Mass Communication Electronic Media Interactive Media
B.S. Degree in Mass Communication Electronic Media Media Management
B.S. Degree in Organizational Communication
B.A. Degree in Public Communication and Leadership
B.S. Degree in Public Communication and Leadership
B.S. Degree in Mass Communication Public Relations
B.S. Degree in Theater Performance

MINORS
Communication Studies
Interactive Media
Mass Communication
Media Production
Organizational Communication
Drama Ministry
Dramaturgy
Theater Performance

FACULTY
Larry Jurney, Ph.D., Department Chair, Professor of Mass Communication
Barrett Huddleston, P.h.D., Assistant Professor of Speech and Theater
David Jurney, M.B.A., Instructor of Communication
David Lowry, Ph.D., Professor of Communication
Philip Patterson, Ph.D., Distinguished Professor of Mass Communication
Philip Reagan, M.A., Associate Professor of Speech and Theater
Josh Watson, M.A., Assistant Professor of Communication

LOCATION
Garvey Center for the Liberal Arts
Mabee Communication

DEAN
David Lowry, Ph.D., Dean of the College of Arts and Sciences, Professor of Communication

Dean's Office
Mabee Learning Center, 2nd floor, Room 229

B.S. DEGREE IN JOURNALISM
39 HOURS, MINOR REQUIRED

An OC graduate with a Bachelor of Science degree in Journalism will:

1. Have been encouraged to sustain or adopt a Christian worldview characterized by participation in a Christian community.
2. Have been encouraged to successfully balance career, family, church and community.
3. Be familiar with appropriate theories of mass communication.
4. Have developed the appropriate writing styles and skills expected by future employers.
5. Have an understanding of the fundamentals of research and be able to interpret research findings.
6. Understand the ethics of communication.
7. Be successfully able to pursue a career in the converged world of journalism as a reporter, producer, or editor characterized by the ability to acquire, process, and distribute newsworthy stories in formats appropriate for print, broadcast or web and within the US legal and regulatory framework.

Student must complete a minimum of 126 hours including the major, core, and minor if required. Elective hours may be needed to reach 126 hours.

10 HOURS MASS COMMUNICATION CORE COURSES

COMM-2613	Media, Faith, and Culture
COMM-4631	Senior Seminar in Communication
COMM-4713	Media Law
COMM-4723	Media Ethics

5 HOURS EXPERIENCE: YOU MUST CHOOSE FROM

1341, 1351, 1371, 1381

An internship may be substituted for one of these hours.

15 HOURS JOURNALISM CORE COURSES

COMM-2113	Writing Across the Media
COMM 2643	Media Production
COMM-2833	Reporting
COMM-3453	Electronic News Writing
COMM-3723	Interviewing

3 HOURS JOURNALISM REQUIRED CHOSEN FROM

COMM-3823	Feature Writing**
COMM-4123	Electronic News Producing*

3 HOURS COMMUNICATION CHOSEN FROM

COMM-2213	Voice and Articulation
COMM-2413	Photography-Principles and Practices

3 HOURS CHOSEN FROM EITHER

ADVANCED WRITING**

ENGL-3493	Technical Writing
ENGL-3523	Creative Writing I
ENGL-3533	Creative Writing II
ENGL-3813	Individualized Writing

ADVANCED PRODUCTION**

COMM-3653	TV Field Production

A MINOR MUST BE CHOSEN FROM ONE OF THE FOLLOWING SPECIALTY AREAS:

Accounting
Business
Education
Information Science
Media Production (for all wanting a broadcast emphasis)
Physical Science
Political Science

*Students with primary interest in broadcast and web choose these classes.
**Students with primary interest in print and web choose these classes.

UNIVERSITY CORE CURRICULUM:
B.S. - 55 HOURS - COURSES MAY NOT BE REPEATED WITHIN CORE

COMMUNICATION, 9 HOURS

ENGL-1113	English Composition I
ENGL-1213	English Composition II
COMM-1213	Oral Communication

MATHEMATICS, 3 HOURS

appropriate to major

REQUIRED BIBLE, 8 HOURS

BIBL-1112	The Christian Scholar
BIBL-1312	Life of the Early Church: Acts
BIBL-2202	Story of the Old Testament
BIBL-2302	Story of the New Testament

BIBLE ELECTIVE, 5 HOURS

5 hours of Bible courses, except Missions Experience

CAPSTONE, 3 HOURS

BIBL-4523	Capstone: Christ and His World

POLITICAL SCIENCE, 3 HOURS

POLS-2113	Introduction to American Politics

AMERICAN HISTORY, 3 HOURS

HIST-1223	Turning Points in U.S. History

GREAT WORKS, 3 HOURS

should include literature

ARTS-2013	Survey of Visual Culture
ARTS-2423	History of Photography & Motion Pictures
COMM-2023	History of Theater I
COMM-2033	History of Theater II
MUSC-2013	Music Appreciation
MUSC-3213	Perspectives in World Music

SCIENCE, 6 HOURS

BEHAVIORAL SCIENCE, 3 HOURS

PSYC-1113	General Psychology I

GREAT WORKS, ADDITIONAL, 3 HOURS

ENGL-2213	Perspectives in Literature

WESTERN CIVILIZATION, 3 HOURS

HIST-2923	Perspectives in Western Civilization

NON-WESTERN CIVILIZATION, 3 HOURS

GEOG-2213	World Regional Geography
HIST-2613	The Modern Middle East
MISS-3513	World Religions
MISS-3613	Cultural Anthropology
MISS-3673	New Religious Movements
MUSC-3213	Perspectives in World Music

*For more information on how to apply the study abroad trips to the core curriculum see page # 25

B.S. DEGREE IN MASS COMMUNICATION ELECTRONIC MEDIA-CREATIVE MEDIA - 56 HOURS

An OC graduate with a Bachelor of Science degree in Mass Communication Electronic Media-Creative Media (Content Creation) will:

1. Have been encouraged to sustain or adopt a Christian worldview characterized by participation in a Christian community.
2. Have been encouraged to balance successfully career, family, church, and community.
3. Be familiar with the appropriate theories of communication.
4. Have developed the appropriate writing styles and skills expected by future employers or graduate programs.
5. Have an understanding of the fundamentals or research and be able to interpret research findings.
6. Understand the ethics of communication.
7. Be able successfully to pursue a career as an independent video producer or as a member of a media team in a corporation or be able successfully to pursue graduate studies.

Student must complete a minimum of 126 hours including the major, core, and minor if required. Elective hours may be needed to reach 126 hours.

10 HOURS MASS COMMUNICATION CORE COURSES

COMM-2613	Media. Faith & Culture
COMM-4631	Senior Seminar in Communication
COMM-4713	Media Law
COMM-4723	Media Ethics

5 HOURS EXPERIENCE-

You must take COMM-1371 or COMM-1381 each semester after completing COMM-1211. After satisfying the major requirement, additional workshop hours will count toward the 126 hours required for the degree. Internships may be substituted for two of these hours.

35 HOURS CREATIVE MEDIA REQUIRED

COMM-1211	Intro To Electronic Media
COMM-1381	Advanced Workshop
COMM-2643	Media Production
COMM-2723	Scriptwriting for TV and Movies
COMM-3343	Campaigns
COMM-3633	Audio for Media
COMM-3653	Television Field Production
COMM-3703	Motion Graphics
COMM-3723	Interviewing
COMM-3733	Media Marketing & Sales
COMM-4123	Electronic News Producing (May Sub COMM-3453)
COMM-4513	Administrative Aspects of Electronic Media
COMM-4763	Advanced Media Production

6 HOURS ART REQUIRED

ARTS-1103	Technology for Graphics
COMM-3143	Basics of Visual Communication Design

UNIVERSITY CORE CURRICULUM: B.S. - 55 HOURS - COURSES MAY NOT BE REPEATED WITHIN CORE

COMMUNICATION, 9 HOURS

ENGL-1113	English Composition I
ENGL-1213	English Composition II
COMM-1213	Oral Communication

MATHEMATICS, 3 HOURS

appropriate to major

REQUIRED BIBLE, 8 HOURS

BIBL-1112	The Christian Scholar
BIBL-1312	Life of the Early Church: Acts
BIBL-2202	Story of the Old Testament
BIBL-2302	Story of the New Testament

BIBLE ELECTIVE, 5 HOURS

5 hours of Bible courses, except Missions Experience

CAPSTONE, 3 HOURS

BIBL-4523	Capstone: Christ and His World

POLITICAL SCIENCE, 3 HOURS

POLS-2113	Introduction to American Politics

AMERICAN HISTORY, 3 HOURS

HIST-1223	Turning Points in U.S. History

GREAT WORKS, 3 HOURS

should include literature

ARTS-2013	Survey of Visual Culture
ARTS-2423	History of Photography & Motion Pictures
COMM-2023	History of Theater I
COMM-2033	History of Theater II
MUSC-2013	Music Appreciation
MUSC-3213	Perspectives in World Music

SCIENCE, 6 HOURS

BEHAVIORAL SCIENCE, 3 HOURS

PSYC-1113	General Psychology I

GREAT WORKS, ADDITIONAL, 3 HOURS

ENGL-2213	Perspectives in Literature

WESTERN CIVILIZATION, 3 HOURS

HIST-2923	Perspectives in Western Civilization

NON-WESTERN CIVILIZATION, 3 HOURS

GEOG-2213	World Regional Geography
HIST-2613	The Modern Middle East
MISS-3513	World Religions
MISS-3613	Cultural Anthropology
MISS-3673	New Religious Movements
MUSC-3213	Perspectives in World Music

*For more information on how to apply the study abroad trips to the core curriculum see page # 25

B.S. DEGREE IN MASS COMMUNICATION ELECTRONIC MEDIA-INTERACTIVE MEDIA - 56 HOURS

An OC graduate with a Bachelor of Science degree in Mass Communication Electronic Media-Interactive Media will:
1. Have been encouraged to sustain or adopt a Christian worldview characterized by participation in a Christian community.
2. Have been encouraged to balance successfully career, family, church and community.
3. Be familiar with the appropriate theories of communication.
4. Have developed the appropriate writing styles and skills expected by future employers or graduate programs.
5. Have an understanding of the fundamentals or research and be able to interpret research findings.
6. Understand the ethics of communication.
7. Be able successfully to pursue a career in broadcast graphics or broadcast design or in other motion graphic careers.

Student must complete a minimum of 126 hours including the major, core, and minor if required. Elective hours may be needed to reach 126 hours.

10 HOURS MASS COMMUNICATION CORE COURSES

COMM-2613	Media, Faith, and Culture
COMM-4631	Senior Seminar in Communication
COMM-4713	Media Law
COMM-4723	Media Ethics

5 HOURS EXPERIENCE-

You must take COMM-1371, COMM-1381, or COMM-1391 each semester after completing COMM-1211. After satisfying the major requirement, additional workshop hours will count toward the 126 hours required for the degree. Internships may be substituted for two of these hours.

29 HOURS INTERACTIVE MEDIA COURSES REQUIRED

COMM-1211	Introduction to Electronic Media
COMM-1391	Interactive Media Workshop
COMM-2643	Media Production
COMM-2723	Scriptwriting
COMM-3633	Audio for Media
COMM-3653	Television Field Production
COMM-3703	Motion Graphics
COMM-3723	Interviewing
COMM-3733	Media Marketing and Sales
COMM-4513	Administrative Aspects of Electronic Media
COMM-4763	Advanced Media Production

12 HOURS REQUIRED

ARTS-1103	Technology for Graphics
ARTS-2243	Interactive Media Design I
ARTS-2743	3D Modeling and Animation I
COMM-3143	Basics of Visual Communication Design

UNIVERSITY CORE CURRICULUM: B.S. - 55 HOURS - COURSES MAY NOT BE REPEATED WITHIN CORE

COMMUNICATION, 9 HOURS

ENGL-1113	English Composition I
ENGL-1213	English Composition II
COMM-1213	Oral Communication

MATHEMATICS, 3 HOURS

appropriate to major

REQUIRED BIBLE, 8 HOURS

BIBL-1112	The Christian Scholar
BIBL-1312	Life of the Early Church: Acts
BIBL-2202	Story of the Old Testament
BIBL-2302	Story of the New Testament

BIBLE ELECTIVE, 5 HOURS

5 hours of Bible courses, except Missions Experience

CAPSTONE, 3 HOURS

BIBL-4523	Capstone: Christ and His World

POLITICAL SCIENCE, 3 HOURS

POLS-2113	Introduction to American Politics

AMERICAN HISTORY, 3 HOURS

HIST-1223	Turning Points in U.S. History

GREAT WORKS, 3 HOURS

should include literature

ARTS-2013	Survey of Visual Culture
ARTS-2423	History of Photography & Motion Pictures
COMM-2023	History of Theater I
COMM-2033	History of Theater II
MUSC-2013	Music Appreciation
MUSC-3213	Perspectives in World Music

SCIENCE, 6 HOURS

BEHAVIORAL SCIENCE, 3 HOURS

PSYC-1113	General Psychology I

GREAT WORKS, ADDITIONAL, 3 HOURS

ENGL-2213	Perspectives in Literature

WESTERN CIVILIZATION, 3 HOURS

HIST-2923	Perspectives in Western Civilization

NON-WESTERN CIVILIZATION, 3 HOURS

GEOG-2213	World Regional Geography
HIST-2613	The Modern Middle East
MISS-3513	World Religions
MISS-3613	Cultural Anthropology
MISS-3673	New Religious Movements
MUSC-3213	Perspectives in World Music

*For more information on how to apply the study abroad trips to the core curriculum see page # 25

B.S. DEGREE IN MASS COMMUNICATION ELECTRONIC MEDIA-MEDIA MANAGEMENT - 56 HOURS

An OC graduate with a Bachelor of Science degree in Mass Communication Electronic Media-Broadcast Management will:

1. Have been encouraged to sustain or adopt a Christian worldview characterized by participation in a Christian community.
2. Have been encouraged to successfully balance career, family, church, and community.
3. Be familiar with the appropriate theories of communication.
4. Have developed the appropriate writing styles and skills expected by future employers or graduate programs.
5. Have an understanding of the fundamentals or research and be able to interpret research findings.
6. Understand the ethics of communication.
7. Be able successfully to pursue a career as a media salesperson or on-air radio personality possessing the talents to advance beyond an entry-level of employment.

Student must complete a minimum of 126 hours including the major, core, and minor if required. Elective hours may be needed to reach 126 hours.

10 HOURS MASS COMMUNICATION CORE COURSES

COMM-2613	Media Faith and Culture
COMM-4631	Senior Seminar in Communication
COMM-4713	Media Law
COMM-4723	Media Ethics

5 HOURS EXPERIENCE

You must take COMM-1371 or COMM-1381 each semester after completing COMM-1211. After satisfying the major requirement, additional workshop hours will count toward the 126 hours required for the degree. Internships may be substituted for two of these hours.

32 HOURS MEDIA MANAGEMENT REQUIRED

COMM-1211	Introduction to Electronic Media
COMM-1381	Advanced Broadcasting Workshop
COMM-2113	Writing Across the Media
COMM-2213	Voice and Articulation
COMM-2643	Media Production
COMM-2813	Advertising Principles
COMM-3343	Campaigns
COMM-3633	Audio for Media
COMM-3653	Television Field Production
COMM-3723	Interviewing
COMM-3733	Media Marketing and Sales
COMM-4513	Administrative Aspects of Electronic Media

3 HOURS NEWS ELECTIVE

COMM-3453	Electronic News Writing
COMM-4123	Electronic News Producing

3 HOURS BUSINESS REQUIRED

MGMT-3113	Principles of Management

3 HOURS BUSINESS ELECTIVES

any management or marketing course

UNIVERSITY CORE CURRICULUM: B.S. - 55 HOURS - COURSES MAY NOT BE REPEATED WITHIN CORE

COMMUNICATION, 9 HOURS

ENGL-1113	English Composition I
ENGL-1213	English Composition II
COMM-1213	Oral Communication

MATHEMATICS, 3 HOURS

appropriate to major

REQUIRED BIBLE, 8 HOURS

BIBL-1112	The Christian Scholar
BIBL-1312	Life of the Early Church: Acts
BIBL-2202	Story of the Old Testament
BIBL-2302	Story of the New Testament

BIBLE ELECTIVE, 5 HOURS

5 hours of Bible courses, except Missions Experience

CAPSTONE, 3 HOURS

BIBL-4523	Capstone: Christ and His World

POLITICAL SCIENCE, 3 HOURS

POLS-2113	Introduction to American Politics

AMERICAN HISTORY, 3 HOURS

HIST-1223	Turning Points in U.S. History

GREAT WORKS, 3 HOURS

should include literature

ARTS-2013	Survey of Visual Culture
ARTS-2423	History of Photography & Motion Pictures
COMM-2023	History of Theater I
COMM-2033	History of Theater II
MUSC-2013	Music Appreciation
MUSC-3213	Perspectives in World Music

SCIENCE, 6 HOURS

BEHAVIORAL SCIENCE, 3 HOURS

PSYC-1113	General Psychology I

GREAT WORKS, ADDITIONAL, 3 HOURS

ENGL-2213	Perspectives in Literature

WESTERN CIVILIZATION, 3 HOURS

HIST-2923	Perspectives in Western Civilization

NON-WESTERN CIVILIZATION, 3 HOURS

GEOG-2213	World Regional Geography
HIST-2613	The Modern Middle East
MISS-3513	World Religions
MISS-3613	Cultural Anthropology
MISS-3673	New Religious Movements
MUSC-3213	Perspectives in World Music

*For more information on how to apply the study abroad trips to the core curriculum see page # 25

B.S. DEGREE IN ORGANIZATIONAL COMMUNICATION
47 HOURS

This degree is designed to be a concentrated study of the role of communication in a wide variety of organizations, including businesses, churches, and voluntary agencies. Courses are designed to educate the student to help organizations meet their goals and objectives through improved communication.

An OC graduate with a Bachelor of Science degree in Organizational Communication will:
1. Have been encouraged to sustain or adopt a Christian worldview characterized by participation in a Christian community.
2. Have been encouraged to balance successfully career, family, church and community.
3. Be familiar with the appropriate theories of communication.
4. Have developed the appropriate writing styles and skills expected by future employers or graduate programs.
5. Have an understanding of the fundamentals or research and be able to interpret research findings.
6. Understand the ethics of communication.
7. Be able successfully to pursue a master's degree in business or communication, or to pursue a career in a communication-related profession in a firm, corporation, non-profit, or other organizational environment.

Student must complete a minimum of 126 hours including the major, core, and minor if required. Elective hours may be needed to reach 126 hours.

10 HOURS COMMUNICATION CORE COURSES

COMM-2513	Communication Theory
COMM-4113	Persuasion and Advocacy
COMM-4631	Senior Seminar in Communication
COMM-4733	Communication Ethics

3 HOURS WORKSHOP OR INTERNSHIP IN MASS COMMUNICATION
with departmental approval these may be replaced with an advanced course

24 HOURS ORGANIZATIONAL COMMUNICATION

COMM-2113	Writing Across the Media
COMM-2643	Media Production
COMM-2823	Public Relations Principles
COMM-3113	Business and Professional Communication
COMM-3323	Organizational Communication
COMM-3333	Teams and Team Leadership
COMM-3343	Campaigns
COMM-3723	Interviewing

7 HOURS BUSINESS REQUIRED

BUSA-1211	Introduction to Business
MGMT-3113	Principles of Management
MGMT-4313	Organizational Behavior

3 HOURS STATISTICS REQUIRED

MATH-2913	Statistical Methods
PSYC-2413	Psychological Statistics

UNIVERSITY CORE CURRICULUM:
B.S. - 55 HOURS - COURSES MAY NOT BE REPEATED WITHIN CORE

COMMUNICATION, 9 HOURS

ENGL-1113	English Composition I
ENGL-1213	English Composition II
COMM-1213	Oral Communication

MATHEMATICS, 3 HOURS
appropriate to major

REQUIRED BIBLE, 8 HOURS

BIBL-1112	The Christian Scholar
BIBL-1312	Life of the Early Church: Acts
BIBL-2202	Story of the Old Testament
BIBL-2302	Story of the New Testament

BIBLE ELECTIVE, 5 HOURS
5 hours of Bible courses, except Missions Experience

CAPSTONE, 3 HOURS

BIBL-4523	Capstone: Christ and His World

POLITICAL SCIENCE, 3 HOURS

POLS-2113	Introduction to American Politics

AMERICAN HISTORY, 3 HOURS

HIST-1223	Turning Points in U.S. History

GREAT WORKS, 3 HOURS
should include literature

ARTS-2013	Survey of Visual Culture
ARTS-2423	History of Photography & Motion Pictures
COMM-2023	History of Theater I
COMM-2033	History of Theater II
MUSC-2013	Music Appreciation
MUSC-3213	Perspectives in World Music

SCIENCE, 6 HOURS

BEHAVIORAL SCIENCE, 3 HOURS

PSYC-1113	General Psychology I

GREAT WORKS, ADDITIONAL, 3 HOURS

ENGL-2213	Perspectives in Literature

WESTERN CIVILIZATION, 3 HOURS

HIST-2923	Perspectives in Western Civilization

NON-WESTERN CIVILIZATION, 3 HOURS

GEOG-2213	World Regional Geography
HIST-2613	The Modern Middle East
MISS-3513	World Religions
MISS-3613	Cultural Anthropology
MISS-3673	New Religious Movements
MUSC-3213	Perspectives in World Music

*For more information on how to apply the study abroad trips to the core curriculum see page # 25

B.A. DEGREE IN PUBLIC COMMUNICATION AND LEADERSHIP
43 HOURS, MINOR REQUIRED, PLUS 6 HOURS OF SAME FOREIGN LANGUAGE

An OC graduate with a Bachelor of Arts degree in Public Communication and Leadership will:

1. Learn a variety of theories related to communication and leadership and will learn how to apply those theories in praxis.
2. Learn a variety of communicative and leadership skills and techniques for the management of interpersonal relations, group leadership and social media.
3. Explore ethical approaches to communication leadership and from a Christian faith perspective.
4. Learn ethical persuasive techniques, grounded in Christian faith, to help them become skillful advocates for important social issues.
5. Learn how to plan, host and conduct public forums for issues of public importance and controversial issues.
6. Learn peacemaking and conflict management skills.

Student must complete a minimum of 126 hours including the major, core, and minor if required. Elective hours may be needed to reach 126 hours.

13 HOURS COMMUNICATION CORE COURSES

COMM-2513	Communication Theory
COMM-3333	Teams and Team Leadership
COMM-4113	Persuasion and Advocacy
COMM-4631	Senior Seminar in Communication
COMM-4733	Communication Ethics

21 HOURS COMMUNICATION LEADERSHIP

COMM-2113	Writing Across Media
COMM-3233	Public Image and Reputation Management
COMM-3243	Planning, Organizing, and Leading Events
COMM-3323	Organizational Communication
COMM-4633	Intercultural Communication
COMM-4673	Symposium in Public Communication and Leadership
COMM-4523	Conflict Resolution and Negotiation

6 HOURS CHOSEN FROM

COMM-3353	Interpersonal Communication
COMM-3413	Argumentation and Debate
COMM-3723	Interviewing
COMM-4813	Special Studies: Guest Speakers
COMM-4963	Intern Experience

3 HOURS CHOSEN FROM

BUSA-3213	Business Law
COMM-4713	Media Law
POLS-4113	Constitutional Law

6 HOURS FOREIGN LANGUAGE

Take 6 hours of the same foreign language

MINOR MUST BE CHOSEN FROM ONE OF THE FOLLOWING SPECIALTY AREAS:

Business
Political Science

UNIVERSITY CORE CURRICULUM:
B.A. - 55 HOURS - COURSES MAY NOT BE REPEATED WITHIN CORE

COMMUNICATION, 9 HOURS

ENGL-1113	English Composition I
ENGL-1213	English Composition II
COMM-1213	Oral Communication

MATHEMATICS, 3 HOURS

Appropriate to major

REQUIRED BIBLE, 8 HOURS

BIBL-1112	The Christian Scholar
BIBL-1312	Life of the Early Church: Acts
BIBL-2202	Story of the Old Testament
BIBL-2302	Story of the New Testament

BIBLE ELECTIVE, 5 HOURS

5 hours of Bible courses, except Missions Experience

CAPSTONE, 3 HOURS

BIBL-4523	Capstone: Christ and His World

POLITICAL SCIENCE, 3 HOURS

POLS-2113	Introduction to American Politics

AMERICAN HISTORY, 3 HOURS

HIST-1223	Turning Points in U.S. History

GREAT WORKS ADDITIONAL, 6 HOURS

should include literature

ARTS-2013	Survey of Visual Culture
ARTS-2423	History of Photography & Motion Pictures
COMM-2023	History of Theater I
COMM-2033	History of Theater II
ENGL-2213	Perspectives in Literature
MUSC-2013	Music Appreciation
MUSC-3213	Perspectives in World Music

SCIENCE, 6 HOURS

BEHAVIORAL SCIENCE, 3 HOURS

PSYC-1113	General Psychology I

WESTERN CIVILIZATION, 3 HOURS

HIST-2923	Perspectives in Western Civilization

NON-WESTERN CIVILIZATION, 3 HOURS

GEOG-2213	World Regional Geography
HIST-2613	The Modern Middle East
MISS-3513	World Religions
MISS-3673	New Religious Movements
MISS-3613	Cultural Anthropology
MUSC-3213	Perspectives in World Music

*For more information on how to apply the study abroad trips to the core curriculum see page # 25

B.S. DEGREE IN PUBLIC COMMUNICATION AND LEADERSHIP
43 HOURS, MINOR REQUIRED

An OC graduate with a Bachelor of Arts degree in Public Communication and Leadership will:
1. Learn a variety of theories related to communication and leadership and will learn how to apply those theories in praxis.
2. Learn a variety of communicative and leadership skills and techniques for the management of interpersonal relations, group leadership and social media.
3. Explore ethical approaches to communication leadership and from a Christian faith perspective.
4. Learn ethical persuasive techniques, grounded in Christian faith, to help them become skillful advocates for important social issues.
5. Learn how to plan, host and conduct public forums for issues of public importance and controversial issues.
6. Learn peacemaking and conflict management skills.

Student must complete a minimum of 126 hours including the major, core, and minor if required. Elective hours may be needed to reach 126 hours.

13 HOURS COMMUNICATION CORE COURSES

COMM-2513	Communication Theory
COMM-3333	Teams and Team Leadership
COMM-4113	Persuasion and Advocacy
COMM-4631	Senior Seminar in Communication
COMM-4733	Communication Ethics

21 HOURS COMMUNICATION LEADERSHIP

COMM-2113	Writing Across Media
COMM-3233	Public Image and Reputation Management
COMM-3243	Planning, Organizing, and Leading Events
COMM-3323	Organizational Communication
COMM-4633	Intercultural Communication
COMM-4673	Symposium in Public Communication and Leadership
COMM-4523	Conflict Resolution and Negotiation

6 HOURS CHOSEN FROM

COMM-3353	Interpersonal Communication
COMM-3413	Argumentation and Debate
COMM-3723	Interviewing
COMM-4813	Special Studies: Guest Speakers
COMM-4963	Intern Experience

3 HOURS CHOSEN FROM

BUSA-3213	Business Law
COMM-4713	Media Law
POLS-4113	Constitutional Law

MINOR MUST BE CHOSEN FROM ONE OF THE FOLLOWING SPECIALTY AREAS:
Business
Political Science

UNIVERSITY CORE CURRICULUM:
B.S. - 55 HOURS - COURSES MAY NOT BE REPEATED WITHIN CORE

COMMUNICATION, 9 HOURS

ENGL-1113	English Composition I
ENGL-1213	English Composition II
COMM-1213	Oral Communication

MATHEMATICS, 3 HOURS
appropriate to major

REQUIRED BIBLE, 8 HOURS

BIBL-1112	The Christian Scholar
BIBL-1312	Life of the Early Church: Acts
BIBL-2202	Story of the Old Testament
BIBL-2302	Story of the New Testament

BIBLE ELECTIVE, 5 HOURS
5 hours of Bible courses, except Missions Experience

CAPSTONE, 3 HOURS

BIBL-4523	Capstone: Christ and His World

POLITICAL SCIENCE, 3 HOURS

POLS-2113	Introduction to American Politics

AMERICAN HISTORY, 3 HOURS

HIST-1223	Turning Points in U.S. History

GREAT WORKS, 3 HOURS
should include literature

ARTS-2013	Survey of Visual Culture
ARTS-2423	History of Photography & Motion Pictures
COMM-2023	History of Theater I
COMM-2033	History of Theater II
MUSC-2013	Music Appreciation
MUSC-3213	Perspectives in World Music

SCIENCE, 6 HOURS

BEHAVIORAL SCIENCE, 3 HOURS

PSYC-1113	General Psychology I

GREAT WORKS, ADDITIONAL, 3 HOURS

ENGL-2213	Perspectives in Literature

WESTERN CIVILIZATION, 3 HOURS

HIST-2923	Perspectives in Western Civilization

NON-WESTERN CIVILIZATION, 3 HOURS

GEOG-2213	World Regional Geography
HIST-2613	The Modern Middle East
MISS-3513	World Religions
MISS-3613	Cultural Anthropology
MISS-3673	New Religious Movements
MUSC-3213	Perspectives in World Music

*For more information on how to apply the study abroad trips to the core curriculum see page # 25

B.S. DEGREE IN MASS COMMUNICATION-PUBLIC RELATIONS
58 HOURS

An OC graduate with a Bachelor of Science degree in Mass Communication-Public Relations will:

1. Have been encouraged to sustain or adopt a Christian worldview characterized by participation in a Christian community.
2. Have been encouraged to balance successfully career, family, church and community.
3. Be familiar with the appropriate theories of communication.
4. Have developed the appropriate writing styles and skills expected by future employers or graduate programs.
5. Have an understanding of the fundamentals or research and be able to interpret research findings.
6. Understand the ethics of communication.
7. Be able successfully to pursue a master's degree in business or public relations, or to pursue a career in public relations, corporate communications or a communications profession in an agency, firm, corporation, non-profit, sports franchise, or other organizational environment.

Student must complete a minimum of 126 hours including the major, core, and minor if required. Elective hours may be needed to reach 126 hours.

10 HOURS MASS COMMUNICATION CORE COURSES

COMM-2613	Media, Faith, and Culture
COMM-4631	Senior Seminar in Communication
COMM-4713	Media Law
COMM-4723	Media Ethics

3 HOURS EXPERIENCE: YOU MUST CHOOSE FROM

1341, 1351, 1371, 1381, 3341

*An internship may be substituted for one of these hours.

33 HOURS PUBLIC RELATIONS REQUIRED

COMM-2113	Writing Across Media
COMM-2413	Photographic Principles and Practices
COMM-2643	Media Production
COMM-2813	Advertising Principles
COMM-2823	Public Relation Principles
COMM-2833	Reporting
COMM-3233	Public Image and Reputation Management
COMM-3343	Campaigns
COMM-3543	Public Relation Strategies and Case Studies
COMM-3743	PR Writing and Production Techniques
COMM-4663	Symposium in Strategic Communication

6 HOURS REQUIRED

ARTS-1103	Technology for Graphics
MKTG-3313	Principles of Marketing

6 HOURS RESTRICTED ELECTIVES

COMM-3143	Basics of Visual Communication Design
COMM-3243	Planning, Organizing, and Leading Events
COMM-3723	Interviewing
COMM-3733	Media Marketing and Sales
MGMT-3113	Principles of Management
MKTG-3513	Electronic Commerce and Online Marketing
MKTG-4413	Consumer Behavior
MKTG-4513	Marketing Research

UNIVERSITY CORE CURRICULUM:
B.S. - 55 HOURS - COURSES MAY NOT BE REPEATED WITHIN CORE

COMMUNICATION, 9 HOURS

ENGL-1113	English Composition I
ENGL-1213	English Composition II
COMM-1213	Oral Communication

MATHEMATICS, 3 HOURS

appropriate to major

REQUIRED BIBLE, 8 HOURS

BIBL-1112	The Christian Scholar
BIBL-1312	Life of the Early Church: Acts
BIBL-2202	Story of the Old Testament
BIBL-2302	Story of the New Testament

BIBLE ELECTIVE, 5 HOURS

5 hours of Bible courses, except Missions Experience

CAPSTONE, 3 HOURS

BIBL-4523	Capstone: Christ and His World

POLITICAL SCIENCE, 3 HOURS

POLS-2113	Introduction to American Politics

AMERICAN HISTORY, 3 HOURS

HIST-1223	Turning Points in U.S. History

GREAT WORKS, 3 HOURS

should include literature

ARTS-2013	Survey of Visual Culture
ARTS-2423	History of Photography & Motion Pictures
COMM-2023	History of Theater I
COMM-2033	History of Theater II
MUSC-2013	Music Appreciation
MUSC-3213	Perspectives in World Music

SCIENCE, 6 HOURS

BEHAVIORAL SCIENCE, 3 HOURS

PSYC-1113	General Psychology I

GREAT WORKS, ADDITIONAL, 3 HOURS

ENGL-2213	Perspectives in Literature

WESTERN CIVILIZATION, 3 HOURS

HIST-2923	Perspectives in Western Civilization

NON-WESTERN CIVILIZATION, 3 HOURS

GEOG-2213	World Regional Geography
HIST-2613	The Modern Middle East
MISS-3513	World Religions
MISS-3613	Cultural Anthropology
MISS-3673	New Religious Movements
MUSC-3213	Perspectives in World Music

*For more information on how to apply the study abroad trips to the core curriculum see page # 25

B.S. DEGREE IN THEATER PERFORMANCE
43 HOURS, MINOR REQUIRED

An OC graduate with a Bachelor of Science degree in Mass Communication Electronic Media-Broadcast Management will:
1. Have been encouraged to sustain or adopt a Christian worldview characterized by participation in a Christian community.
2. Have been encouraged to successfully balance career, family, church, and community.
3. Be familiar with the appropriate theories of communication.
4. Have developed the appropriate writing styles and skills expected by future employers or graduate programs.
5. Have an understanding of the fundamentals or research and be able to interpret research findings.
6. Understand the ethics of communication.
7. Be able successfully to pursue a career as a media salesperson or on-air radio personality possessing the talents to advance beyond an entry-level of employment.

Student must complete a minimum of 126 hours including the major, core, and minor if required. Elective hours may be needed to reach 126 hours.

10 HOURS COMMUNICATION CORE

COMM-2513	Communication Theory
COMM-3123	Oral Interpretation
COMM-4631	Senior Seminar in Communication
COMM-4733	Communication Ethics

3 HOURS EXPERIENCE: YOU MUST CHOOSE FROM

1311, 1321 An internship may be substituted for one of these hours.

21 HOURS THEATER PERFORMANCE REQUIRED

COMM-1411	Introduction to Play Production
COMM-1412	Movement/Choreography for the Stage
COMM-2213	Voice and Articulation
COMM-2223	Stagecraft for Theater and Television
COMM-2313	Acting I
COMM-3133	Costume and Makeup
COMM-3203	Acting Styles
COMM-3213	Stage Directing

3 HOURS HISTORY CHOSEN FROM

COMM-2023	History of the Theater I
COMM-2033	History of the Theater II

3 HOURS DRAMA CHOSEN FROM

COMM-4103	Modern Drama
ENGL-4103	Studies in Shakespeare

3 HOURS CHOSEN FROM

COMM-3223	Theater Design
COMM-4213	Performance Conventions: Religious Drama
COMM-4223	Performance Conventions: Experimental Theater

TWO COURSES IN THE SAME FOREIGN LANGUAGE ARE RECOMMENDED.

UNIVERSITY CORE CURRICULUM:
B.S. - 55 HOURS - COURSES MAY NOT BE REPEATED WITHIN CORE

COMMUNICATION, 9 HOURS

ENGL-1113	English Composition I
ENGL-1213	English Composition II
COMM-1213	Oral Communication

MATHEMATICS, 3 HOURS

appropriate to major

REQUIRED BIBLE, 8 HOURS

BIBL-1112	The Christian Scholar
BIBL-1312	Life of the Early Church: Acts
BIBL-2202	Story of the Old Testament
BIBL-2302	Story of the New Testament

BIBLE ELECTIVE, 5 HOURS

5 hours of Bible courses, except Missions Experience

CAPSTONE, 3 HOURS

BIBL-4523	Capstone: Christ and His World

POLITICAL SCIENCE, 3 HOURS

POLS-2113	Introduction to American Politics

AMERICAN HISTORY, 3 HOURS

HIST-1223	Turning Points in U.S. History

GREAT WORKS, 3 HOURS

should include literature

ARTS-2013	Survey of Visual Culture
ARTS-2423	History of Photography & Motion Pictures
COMM-2023	History of Theater I
COMM-2033	History of Theater II
MUSC-2013	Music Appreciation
MUSC-3213	Perspectives in World Music

SCIENCE, 6 HOURS

BEHAVIORAL SCIENCE, 3 HOURS

PSYC-1113	General Psychology I

GREAT WORKS, ADDITIONAL, 3 HOURS

ENGL-2213	Perspectives in Literature

WESTERN CIVILIZATION, 3 HOURS

HIST-2923	Perspectives in Western Civilization

NON-WESTERN CIVILIZATION, 3 HOURS

GEOG-2213	World Regional Geography
HIST-2613	The Modern Middle East
MISS-3513	World Religions
MISS-3613	Cultural Anthropology
MISS-3673	New Religious Movements
MUSC-3213	Perspectives in World Music

*For more information on how to apply the study abroad trips to the core curriculum see page # 25

DEPARTMENT OF
HISTORY & POLITICAL SCIENCE

AREAS OF STUDY
Geography (GEOG)
History (HIST)
Political Science (POLS)

DEGREES OFFERED
B.A. Degree in History
B.A. Degree in History/Pre-Law
B.S. Degree in History/Pre-Law
B.S. Degree in Political Science
B.S.E. Degree in Social Studies

MINORS
History
Political Science
Social Science

FACULTY
John Maple, Ph.D., Department Chair, Distinguished Professor of History
Raymon Huston, Ph.D., Associate Professor of Political Science
Gary Lindsey, Ph.D., Associate Professor of History
Matt McCook, Ph.D., Professor of History

LOCATION
Davisson American Heritage Building

DEAN
David Lowry, Ph.D., Dean of the College of Arts and Sciences, Professor of Communication

Dean's Office
Mabee Learning Center, 2nd floor, Room 229

B.A. DEGREE IN HISTORY
39 HOURS MINOR REQUIRED, PLUS 6 HOURS OF SAME FOREIGN LANGUAGE

An OC graduate with a Bachelor of Arts degree in History will:

1. Demonstrate an understanding of the nature of history and knowledge of basic research techniques, the use of documents and the handling of evidence, as part of a Christian worldview.
2. Demonstrate analytical and critical thinking through effective communication of independent research.
3. Demonstrate knowledge of the fundamentals of American, European, and public history.
4. Be able to apply Christian ethics to life situations, as a leader in the home, community and church.
5. Have an increased understanding of people of different cultures, times and places.

Student must complete a minimum of 126 hours including the major, core, and minor if required. Elective hours may be needed to reach 126 hours.

6 HOURS WESTERN CIVILIZATION

HIST-2923 Perspectives in Western Civilization
and
any European history course

6 HOURS AMERICAN HISTORY

HIST-2213 History of the U.S. to 1877
HIST-2223 History of the U.S. since 1877

6 HOURS RESEARCH COURSES; BOTH MUST BE PASSED WITH A GRADE OF C OR BETTER.

HIST-2123 Introduction to Historical Research
HIST-4733 Senior History Seminar

3 HOURS PUBLIC HISTORY

HIST-2723 Introduction to Public History

15 HOURS 3000/4000 LEVEL COURSES

3 HOURS HISTORY ELECTIVES

6 HOURS IN THE SAME FOREIGN LANGUAGE

UNIVERSITY CORE CURRICULUM:
B.A. - 55 HOURS - COURSES MAY NOT BE REPEATED WITHIN CORE

COMMUNICATION, 9 HOURS

ENGL-1113 English Composition I
ENGL-1213 English Composition II
COMM-1213 Oral Communication

MATHEMATICS, 3 HOURS

Appropriate to major

REQUIRED BIBLE, 8 HOURS

BIBL-1112 The Christian Scholar
BIBL-1312 Life of the Early Church: Acts
BIBL-2202 Story of the Old Testament
BIBL-2302 Story of the New Testament

BIBLE ELECTIVE, 5 HOURS

5 hours of Bible courses, except Missions Experience

CAPSTONE, 3 HOURS

BIBL-4523 Capstone: Christ and His World

POLITICAL SCIENCE, 3 HOURS

POLS-2113 Introduction to American Politics

AMERICAN HISTORY, 3 HOURS

HIST-1223 Turning Points in U.S. History

GREAT WORKS ADDITIONAL, 6 HOURS

should include literature
ARTS-2013 Survey of Visual Culture
ARTS-2423 History of Photography & Motion Pictures
COMM-2023 History of Theater I
COMM-2033 History of Theater II
ENGL-2213 Perspectives in Literature
MUSC-2013 Music Appreciation
MUSC-3213 Perspectives in World Music

SCIENCE, 6 HOURS

BEHAVIORAL SCIENCE, 3 HOURS

PSYC-1113 General Psychology I

WESTERN CIVILIZATION, 3 HOURS

HIST-2923 Perspectives in Western Civilization

NON-WESTERN CIVILIZATION, 3 HOURS

GEOG-2213 World Regional Geography
HIST-2613 The Modern Middle East
MISS-3513 World Religions
MISS-3673 New Religious Movements
MISS-3613 Cultural Anthropology
MUSC-3213 Perspectives in World Music

*For more information on how to apply the study abroad trips to the core curriculum see page # 25

B.A. DEGREE IN HISTORY/PRE-LAW
60 HOURS, PLUS 6 HOURS OF SAME FOREIGN LANGUAGE

The B.A. in History/Pre-Law combines work in history, political science, economics, and literature to prepare the student for a variety of career opportunities and graduate studies. This degree is designed as preparation for careers in public administration, civil service, or foreign service, typically after taking an appropriate graduate degree. It also provides a good background for graduate work in the areas studied and is an excellent preparation for law school.

An OC graduate with a Bachelor of Science degree in History/Pre-Law will:
1. Be familiar with law school pedagogy and course work.
2. Demonstrate an understanding of the nature of history and knowledge of basic research techniques, the use of documents, and the handling of evidence, as part of a Christian worldview.
3. Demonstrate analytical and critical thinking through effective communication of independent research.
4. Demonstrate knowledge of the fundamentals of American and European history.
5. Be able to apply Christian ethics to life situations, as a leader in the home, community, and church.

Student must complete a minimum of 126 hours including the major, core, and minor if required. Elective hours may be needed to reach 126 hours.

6 HOURS WESTERN CIVILIZATION

HIST-2923	Perspectives in Western Civilization
	and

any European history course

6 HOURS AMERICAN HISTORY

HIST-2213	History of the U.S. to 1877
HIST-2223	History of the U.S. since 1877

6 HOURS RESEARCH COURSES

Both courses must be passed with a grade of C or better

HIST-2123	Introduction to Historical Research
HIST-4733	Senior History Seminar

15 HOURS 3000/4000 LEVEL COURSES

It is recommended that these include both American and European history courses.

3 HOURS HISTORY ELECTIVES/2000 LEVEL OR HIGHER

6 HOURS BUSINESS CHOSEN FROM

ACCT-2113	Accounting Principles I
BUSA-4213	Business Law
ECON-2113	Macroeconomics
ECON-2213	Microeconomics

18 HOURS - OPTION A OR OPTION B.

OPTION A

9 HOURS POLITICAL SCIENCE

POLS-2113	Introduction to American Politics
POLS-3313	Legal and Legislative Analysis
POLS-4113	Constitutional Law

3 HOURS POLITICAL SCIENCE CHOSEN FROM

POLS-3413	The Presidency and Congress
POLS-3613	Political Parties and Interest Groups
POLS-3713	State and Local Politics

6 HOURS POLITICAL SCIENCE ELECTIVES 2000 LEVEL OR HIGHER

OPTION B

9 HOURS POLITICAL SCIENCE

POLS-2113	Introduction to American Politics
POLS-3313	Legal and Legislative Analysis
POLS-4113	Constitutional Law

9 HOURS LITERATURE IN COURSES ABOVE ENGL-2213

6 HOURS OF THE SAME FOREIGN LANGUAGE REQUIRED

UNIVERSITY CORE CURRICULUM:
B.A. - 55 HOURS - COURSES MAY NOT BE REPEATED WITHIN CORE

COMMUNICATION, 9 HOURS

ENGL-1113	English Composition I
ENGL-1213	English Composition II
COMM-1213	Oral Communication

MATHEMATICS, 3 HOURS

Appropriate to major

REQUIRED BIBLE, 8 HOURS

BIBL-1112	The Christian Scholar
BIBL-1312	Life of the Early Church: Acts
BIBL-2202	Story of the Old Testament
BIBL-2302	Story of the New Testament

BIBLE ELECTIVE, 5 HOURS

5 hours of Bible courses, except Missions Experience

CAPSTONE, 3 HOURS

BIBL-4523	Capstone: Christ and His World

POLITICAL SCIENCE, 3 HOURS

POLS-2113	Introduction to American Politics

AMERICAN HISTORY, 3 HOURS

HIST-1223	Turning Points in U.S. History

GREAT WORKS ADDITIONAL, 6 HOURS

should include literature

ARTS-2013	Survey of Visual Culture
ARTS-2423	History of Photography & Motion Pictures
COMM-2023	History of Theater I
COMM-2033	History of Theater II
ENGL-2213	Perspectives in Literature
MUSC-2013	Music Appreciation
MUSC-3213	Perspectives in World Music

SCIENCE, 6 HOURS

BEHAVIORAL SCIENCE, 3 HOURS

PSYC-1113	General Psychology I

WESTERN CIVILIZATION, 3 HOURS

HIST-2923	Perspectives in Western Civilization

NON-WESTERN CIVILIZATION, 3 HOURS

GEOG-2213	World Regional Geography
HIST-2613	The Modern Middle East
MISS-3513	World Religions
MISS-3673	New Religious Movements
MISS-3613	Cultural Anthropology
MUSC-3213	Perspectives in World Music

*For more information on how to apply the study abroad trips to the core curriculum see page # 25

B.S. DEGREE IN HISTORY/PRE-LAW
60 HOURS

The B.S. in History/Pre-Law combines work in history, political science, economics, and literature to prepare the student for a variety of career opportunities and graduate studies. This degree is designed as preparation for careers in public administration, civil service, or foreign service, typically after taking an appropriate graduate degree. It also provides a good background for graduate work in the areas studied and is an excellent preparation for law school.

An OC graduate with a Bachelor of Science degree in History/Pre-Law will:
1. Be familiar with law school pedagogy and course work.
2. Demonstrate an understanding of the nature of history and knowledge of basic research techniques, the use of documents, and the handling of evidence, as part of a Christian worldview.
3. Demonstrate analytical and critical thinking through effective communication of independent research.
4. Demonstrate knowledge of the fundamentals of American and European history.
5. Be able to apply Christian ethics to life situations, as a leader in the home, community, and church.

Student must complete a minimum of 126 hours including the major, core, and minor if required. Elective hours may be needed to reach 126 hours.

6 HOURS WESTERN CIVILIZATION
HIST-2923 Perspectives in Western Civilization
and
any European history course

6 HOURS AMERICAN HISTORY
HIST-2213 History of the U.S. to 1877
HIST-2223 History of the U.S. since 1877

6 HOURS RESEARCH COURSES; BOTH MUST PASSED WITH A GRADE OF C OR BETTER.
HIST-2123 Introduction to Historical Research
HIST-4733 Senior History Seminar

15 HOURS 3000/4000 LEVEL COURSES.
It is recommended that these include both American and European history courses.

3 HOURS HISTORY ELECTIVES/2000 LEVEL OR HIGHER

6 HOURS BUSINESS CHOSEN FROM
ACCT-2113 Accounting Principles I
BUSA-4213 Business Law
ECON-2113 Macroeconomics
ECON-2213 Microeconomics

18 HOURS - OPTION A OR OPTION B.

OPTION A

9 HOURS POLITICAL SCIENCE
POLS-2113 Introduction to American Politics
POLS-3313 Legal and Legislative Analysis
POLS-4113 Constitutional Law

3 HOURS POLITICAL SCIENCE CHOSEN FROM
POLS-3413 The Presidency and Congress
POLS-3613 Political Parties and Interest Groups
POLS-3713 State and Local Politics

6 HOURS POLITICAL SCIENCE ELECTIVES 2000 LEVEL OR HIGHER

OPTION B

9 HOURS POLITICAL SCIENCE
POLS-2113 Introduction to American Politics
POLS-3313 Legal and Legislative Analysis
POLS-4113 Constitutional Law

9 HOURS LITERATURE IN COURSES ABOVE ENGL-2213

UNIVERSITY CORE CURRICULUM:
B.S. - 55 HOURS - COURSES MAY NOT BE REPEATED WITHIN CORE

COMMUNICATION, 9 HOURS
ENGL-1113 English Composition I
ENGL-1213 English Composition II
COMM-1213 Oral Communication

MATHEMATICS, 3 HOURS
appropriate to major

REQUIRED BIBLE, 8 HOURS
BIBL-1112 The Christian Scholar
BIBL-1312 Life of the Early Church: Acts
BIBL-2202 Story of the Old Testament
BIBL-2302 Story of the New Testament

BIBLE ELECTIVE, 5 HOURS
5 hours of Bible courses, except Missions Experience

CAPSTONE, 3 HOURS
BIBL-4523 Capstone: Christ and His World

POLITICAL SCIENCE, 3 HOURS
POLS-2113 Introduction to American Politics

AMERICAN HISTORY, 3 HOURS
HIST-2213 History of the U.S. to 1877

SCIENCE, 6 HOURS

BEHAVIORAL SCIENCE, 3 HOURS
PSYC-1113 General Psychology I

GREAT WORKS, 6 HOURS
should include literature
ARTS-2013 Survey of Visual Culture
ARTS-2423 History of Photography & Motion Pictures
COMM-2023 History of Theater I
COMM-2033 History of Theater II
ENGL-2213 Perspectives in Literature
MUSC-2013 Music Appreciation
MUSC-3213 Perspectives in World Music

WESTERN CIVILIZATION, 3 HOURS
HIST-2923 Perspectives in Western Civilization

NON-WESTERN CIVILIZATION, 3 HOURS
GEOG-2213 World Regional Geography
HIST-2613 The Modern Middle East
MISS-3513 World Religions
MISS-3673 New Religious Movements
MISS-3613 Cultural Anthropology
MUSC-3213 Perspectives in World Music

*For more information on how to apply the study abroad trips to the core curriculum see page # 25

B.S. DEGREE IN POLITICAL SCIENCE
45 HOURS, MINOR REQUIRED

The degree provides an academic program for those students interested in learning about the institutions, laws, and public policies of local, national, and global governance. It encompasses a broad theoretical and substantive survey of governance institutions, laws and public policies. Students will be prepared for entry-level public service careers, law school, and many graduate programs in public policy, political science, public administration, and political management.

An OC graduate with a Bachelor of Science degree in Political Science will:
1. Be familiar with law school pedagogy and course work.
2. Demonstrate analytical and critical thinking through effective written and oral communication.
3. Be able to apply Christian ethics to life situations, as a leader in the home, community and church.
4. Demonstrate an understanding of the nature of political science and knowledge of basic social science research techniques, as part of Christian worldview.

Student must complete a minimum of 126 hours including the major, core, and minor if required. Elective hours may be needed to reach 126 hours.

12 HOURS SURVEY COURSES

POLS-2113	Introduction to American Politics
POLS-2213	Introduction to Global Politics
POLS-2413	Comparative Politics
ECON-2113	Macroeconomics

3 HOURS LEGAL STUDIES

POLS-3313	Legal and Legislative Analysis
	or
POLS-4113	Constitutional Law

9 HOURS 3000/4000 LEVEL GLOBAL OR COMPARATIVE POLITICS

9 HOURS 3000-4000 LEVEL AMERICAN POLITICS

6 HOURS RESEARCH COURSES

Both courses must be passed with a grade of C or better.

POLS-2313	Research Skills in Political Science
POLS-4713	Political Science Seminar

6 HOURS ELECTIVE POLITICAL SCIENCE, may include an internship

UNIVERSITY CORE CURRICULUM:
B.S. - 55 HOURS - COURSES MAY NOT BE REPEATED WITHIN CORE

COMMUNICATION, 9 HOURS

ENGL-1113	English Composition I
ENGL-1213	English Composition II
COMM-1213	Oral Communication

MATHEMATICS, 3 HOURS
appropriate to major

REQUIRED BIBLE, 8 HOURS

BIBL-1112	The Christian Scholar
BIBL-1312	Life of the Early Church: Acts
BIBL-2202	Story of the Old Testament
BIBL-2302	Story of the New Testament

BIBLE ELECTIVE, 5 HOURS
5 hours of Bible courses, except Missions Experience

CAPSTONE, 3 HOURS

BIBL-4523	Capstone: Christ and His World

POLITICAL SCIENCE, 3 HOURS

POLS-2113	Introduction to American Politics

AMERICAN HISTORY, 3 HOURS

HIST-2213	History of the U.S. to 1877

SCIENCE, 6 HOURS

BEHAVIORAL SCIENCE, 3 HOURS

PSYC-1113	General Psychology I

GREAT WORKS, 6 HOURS
should include literature

ARTS-2013	Survey of Visual Culture
ARTS-2423	History of Photography & Motion Pictures
COMM-2023	History of Theater I
COMM-2033	History of Theater II
ENGL-2213	Perspectives in Literature
MUSC-2013	Music Appreciation
MUSC-3213	Perspectives in World Music

WESTERN CIVILIZATION, 3 HOURS

HIST-2923	Perspectives in Western Civilization

NON-WESTERN CIVILIZATION, 3 HOURS

GEOG-2213	World Regional Geography
HIST-2613	The Modern Middle East
MISS-3513	World Religions
MISS-3673	New Religious Movements
MISS-3613	Cultural Anthropology
MUSC-3213	Perspectives in World Music

*For more information on how to apply the study abroad trips to the core curriculum see page # 25

B.S.E. DEGREE IN SOCIAL STUDIES EDUCATION
78 HOURS, PROFESSIONAL EDUCATION MINOR INCLUDED

This degree is designed as preparation for those who plan to obtain a certificate to teach social studies in grades 6-12. The state of Oklahoma requires teacher education to be competency based; thus, this degree aims at providing students with the knowledge and skills to achieve competency in the various social studies. The program requires a minimum total of 45 hours distributed among all of the following fields: American history, world history, historical research, Oklahoma history, government, sociology, economics, and geography. Historical research is not a teaching area, but 6 hours are required for the degree.

An OC graduate with a Bachelor of Science in Social Studies Education will:
1. Have a broad knowledge of the fundamentals of the social studies, including American and world history, political science, economics, sociology and geography.
2. Demonstrate an understanding of the nature of history and knowledge of basic research techniques, the use of documents and the handling of evidence, as part of a Christian worldview.
3. Demonstrate analytical and critical thinking through effective communication of independent research.
4. Understand and employ principles of effective teaching.
5. See teaching as an opportunity for Christian service as well as a vocation.

Student must complete a minimum of 126 hours including the major, core, and minor if required. Elective hours may be needed to reach 126 hours.

6 HOURS REQUIRED AMERICAN HISTORY
HIST-2213 History of the U.S. to 1877
HIST-2223 History of the U.S. since 1877

6 HOURS 3000/4000 LEVEL AMERICAN HISTORY COURSES
HIST-4013 American Revolutionary and Early National Eras is highly recommended

3 HOURS REQUIRED WESTERN CIVILIZATION
HIST-2923 Perspectives in Western Civilization

6 HOURS OTHER WORLD HISTORY
including 3 hours numbered 3000 and above
HIST-2613 The Modern Middle East is highly recommended.

6 HOURS HISTORICAL RESEARCH; Both must be passed with a grade of C or better.
HIST-2123 Introduction to Historical Research
HIST-4733 Senior History Seminar

6 HOURS GEOGRAPHY CHOSEN FROM
GEOG-2113 Elements of Human Geography
or
GEOG-2313 Physical Geography
and
GEOG-2213 World Regional Geography

3 HOURS ECONOMICS
ECON-2113 Macroeconomic Principles

3 HOURS AMERICAN GOVERNMENT
POLS-2113 Introduction to American Politics

3 HOURS SOCIOLOGY
SOCI-1113 Perspectives in Sociology

3 HOURS OKLAHOMA HISTORY
HIST-2313 Oklahoma History

Also, students should choose Physical Science to meet their science requirement in the core.

25 SEMESTER HOURS, PROFESSIONAL EDUCATION
EDUC-3121 Orientation to Teacher Education
EDUC-3122 The School in American Culture
EDUC-3213 Learning, Instruction and Assessment
EDUC-3422 Educational Technology
EDUC-3723 Education of the Exceptional Child
EDUC-4013 Human Relations and Behavior Management
EDUC-4131 Applied Instructional and Assessment Strategies
EDUC-4132 Critical Issues in Education
EDUC-4718 Student Teaching in the Secondary Schools

5 HOURS OTHER COURSES
EDUC-4112 Reading in the Content Areas
PSYC-3523 Developmental Psychology

3 HOURS, METHODS COURSE
EDUC-4473 Methods of Teaching Social Studies in Sec. Schools

FOREIGN LANGUAGE COMPETENCY CHOOSE ONE:
High School Foreign Language – 2 years of same language with a grade of "C" or better
University credit – 3 hours foreign language or American Sign Language with a grade of "C" or better.

UNIVERSITY CORE CURRICULUM:
B.S.E. - 55 HOURS - COURSES MAY NOT BE REPEATED WITHIN CORE

COMMUNICATION, 9 HOURS
ENGL-1113 English Composition I
ENGL-1213 English Composition II
COMM-1213 Oral Communication

MATHEMATICS, 3 HOURS
appropriate to major

REQUIRED BIBLE, 8 HOURS
BIBL-1112 The Christian Scholar
BIBL-1312 Life of the Early Church:
BIBL-2202 Story of the Old Testament
BIBL-2302 Story of the New Testament

BIBLE ELECTIVE, 5 HOURS
5 hours of Bible courses, except Missions Experience

CAPSTONE, 3 HOURS
BIBL-4523 Capstone: Christ and His World

POLITICAL SCIENCE, 3 HOURS
POLS-2113 Introduction to American Politics

AMERICAN HISTORY, 3 HOURS
HIST-1223 Turning Points in U.S. History

GREAT WORKS, 3 HOURS
ENGL-2213 Perspectives in Literature

SCIENCE, 6 HOURS, USED IN THE MAJOR

BEHAVIORAL SCIENCE, 3 HOURS
PSYC-1113 General Psychology I
or
SOCI-1113 Sociology

DEVELOPMENTAL PSYCHOLOGY, 3 HRS
PSYC-3523 Developmental Psychology

LIBERAL ARTS, 6 HOURS
6 hours from English, Fine Arts, History, Math, Pols or Science as approved by the department

*For more information on how to apply the study abroad trips to the core curriculum see page # 25

DEPARTMENT OF
INTERDISCIPLINARY STUDIES

AREAS OF STUDY
Interdisciplinary Studies
Performing Arts Management

DEGREES OFFERED
B.A. Degree in Interdisciplinary Studies
B.S. Degree in Interdisciplinary Studies
B.A. Performing Arts Management

MINORS
International Studies
Military Science

FACULTY
Larry Jurney, Department Chair Ph.D., Professor of Mass Communication
Barrett Huddleston, Ph.D., Assistant Professor of Theater
Gail Nash, Ph.D., Assistant Professor of English
John Osborne, B.S., Assistant Professor of Communication

LOCATION
Garvey Center

DEAN
David Lowry, Ph.D., Dean of the College of Arts and Sciences, Professor of Communication

Dean's Office
Mabee Learning Center, 2nd floor, Room 229

B.A. DEGREE IN INTERDISCIPLINARY STUDIES
60 HOURS, INCLUDING 6 HOURS OF SAME FOREIGN LANGUAGE

This degree program is designed for the highly motivated student who is seeking insight in several areas of knowledge rather than a deep insight into only one. An interdisciplinary curriculum, including such areas as the social, religious, political, and scientific, will aid the student in understanding contemporary American culture and his or her place in it. This degree program also serves the student who wishes to craft a program of studies from existing courses and majors in order to lay a foundation for a specific career or professional goal not addressed by other OC majors. For example, a student interested in operating a music production studio may propose an academic plan combining courses from the business, music, and communication departments.

Each student will design a program with the aid of an advisor and submit the program proposal to the department of interdisciplinary studies for approval. The program must be approved by the interdisciplinary studies committee, composed of the student's advisor, the chair of the department of interdisciplinary studies, and the Registrar. Usually, the program is submitted during the sophomore year.

Student must complete a minimum of 126 hours including the major, core, and minor if required. Elective hours may be needed to reach 126 hours.

60 HOURS, 39 OF WHICH MUST BE 3000/4000 LEVEL COURSES

COURSES ARE TO BE DIVIDED AMONG THREE AREAS
at least one of which must be in the humanities such as Art, Bible, History, English, Music or Speech

MINIMUM 9 HOURS OF 3000/4000 LEVEL CLASSES IN EACH AREA.

A STUDENT MUST DECLARE A MAJOR IN INTERDISCIPLINARY STUDIES BEFORE REACHING 96 HOURS.

6 HOURS, IN THE SAME FOREIGN LANGUAGE

THE STUDENT MUST MEET MINIMUM HOURS OF 126 IN ORDER TO GRADUATE.

UNIVERSITY CORE CURRICULUM:
B.A. - 55 HOURS - COURSES MAY NOT BE REPEATED WITHIN CORE

COMMUNICATION, 9 HOURS
ENGL-1113 English Composition I
ENGL-1213 English Composition II
COMM-1213 Oral Communication

MATHEMATICS, 3 HOURS
Appropriate to major

REQUIRED BIBLE, 8 HOURS
Could be used in the major
BIBL-1112 The Christian Scholar
BIBL-1312 Life of the Early Church: Acts
BIBL-2202 Story of the Old Testament
BIBL-2302 Story of the New Testament

BIBLE ELECTIVE, 5 HOURS
5 hours of Bible courses, except Missions Experience

CAPSTONE, 3 HOURS
BIBL-4523 Capstone: Christ and His World

POLITICAL SCIENCE, 3 HOURS
POLS-2113 Introduction to American Politics

AMERICAN HISTORY, 3 HOURS
HIST-2213 History of the U.S. to 1877

GREAT WORKS ADDITIONAL, 6 HOURS
should include literature
ARTS-2013 Survey of Visual Culture
ARTS-2423 History of Photography & Motion Pictures
COMM-2023 History of Theater I
COMM-2033 History of Theater II
ENGL-2213 Perspectives in Literature
MUSC-2013 Music Appreciation
MUSC-3213 Perspectives in World Music

SCIENCE, 6 HOURS

BEHAVIORAL SCIENCE, 3 HOURS
PSYC-1113 General Psychology I

WESTERN CIVILIZATION, 3 HOURS
HIST-2923 Perspectives in Western Civilization

NON-WESTERN CIVILIZATION, 3 HOURS
GEOG-2213 World Regional Geography
HIST-2613 The Modern Middle East
MISS-3513 World Religions
MISS-3673 New Religious Movements
MISS-3613 Cultural Anthropology
MUSC-3213 Perspectives in World Music

*For more information on how to apply the study abroad trips to the core curriculum see page # 25

B.S. DEGREE IN INTERDISCIPLINARY STUDIES
60 HOURS

This degree program is designed for the highly motivated student who is seeking insight in several areas of knowledge rather than a deep insight into only one. An interdisciplinary curriculum, including such areas as the social, religious, political, and scientific, will aid the student in understanding contemporary American culture and his or her place in it. This degree program also serves the student who wishes to craft a program of studies from existing courses and majors in order to lay a foundation for a specific career or professional goal not addressed by other OC majors. For example, a student interested in operating a music production studio may propose an academic plan combining courses from the business, music, and communication departments.

Each student will design a program with the aid of an advisor and submit the program proposal to the department of interdisciplinary studies for approval. The program must be approved by the interdisciplinary studies committee, composed of the student's advisor, the chair of the department of interdisciplinary studies, and the Registrar. Usually, the program is submitted during the sophomore year.

Student must complete a minimum of 126 hours including the major, core, and minor if required. Elective hours may be needed to reach 126 hours.

60 HOURS, 39 OF WHICH MUST BE 3000/4000 LEVEL COURSES

COURSES ARE TO BE DIVIDED AMONG THREE AREAS,
at least one of which must be in the humanities such as Art, Bible, History, English, Music or Speech

MINIMUM 9 HOURS OF 3000/4000 LEVEL CLASSES IN EACH AREA.

A STUDENT MUST DECLARE A MAJOR IN INTERDISCIPLINARY STUDIES BEFORE REACHING 96 HOURS.

THE STUDENT MUST MEET MINIMUM HOURS OF 126 IN ORDER TO GRADUATE.

UNIVERSITY CORE CURRICULUM:
B.S. - 55 HOURS - COURSES MAY NOT BE REPEATED WITHIN CORE

COMMUNICATION, 9 HOURS
ENGL-1113 English Composition I
ENGL-1213 English Composition II
COMM-1213 Oral Communication

MATHEMATICS, 3 HOURS
appropriate to major

REQUIRED BIBLE, 8 HOURS
BIBL-1112 The Christian Scholar
BIBL-1312 Life of the Early Church: Acts
BIBL-2202 Story of the Old Testament
BIBL-2302 Story of the New Testament

BIBLE ELECTIVE, 5 HOURS
5 hours of Bible courses, except Missions Experience

CAPSTONE, 3 HOURS
BIBL-4523 Capstone: Christ and His World

POLITICAL SCIENCE, 3 HOURS
POLS-2113 Introduction to American Politics

AMERICAN HISTORY, 3 HOURS
HIST-2213 History of the U.S. to 1877

GREAT WORKS, 6 HOURS
should include literature
ARTS-2013 Survey of Visual Culture
ARTS-2423 History of Photography & Motion Pictures
COMM-2023 History of Theater I
COMM-2033 History of Theater II
ENGL-2213 Perspectives in Literature
MUSC-2013 Music Appreciation
MUSC-3213 Perspectives in World Music

SCIENCE, 6 HOURS

BEHAVIORAL SCIENCE, 3 HOURS
PSYC-1113 General Psychology I

WESTERN CIVILIZATION, 3 HOURS
HIST-2923 Perspectives in Western Civilization

NON-WESTERN CIVILIZATION, 3 HOURS
GEOG-2213 World Regional Geography
HIST-2613 The Modern Middle East
MISS-3513 World Religions
MISS-3673 New Religious Movements
MISS-3613 Cultural Anthropology
MUSC-3213 Perspectives in World Music

*For more information on how to apply the study abroad trips to the core curriculum see page # 25

B.A. DEGREE IN PERFORMING ARTS MANAGEMENT
42 HOURS, MINOR REQUIRED PLUS 6 HOURS OF SAME FOREIGN LANGUAGE

The Performing Arts Management major at OC will introduce students to the fundamentals of managing, marketing and fundraising for community arts organizations. Students can tailor their degree program to pursue a particular artistic interest or capitalize on existing talents and skills.

An OC graduate with a Bachelor of Arts degree in Performing Arts Management will demonstrate:
1. Critically minded, ethical management skills.
2. Entrepreneurial self-initiative, especially towards the creation of arts based projects.
3. An understanding of community engagement and promotional strategies.
4. Basic skills in a foreign language.
5. Elementary application of consumer analysis.
6. Comprehensive understanding of artistic principles and performance.

Student must complete a minimum of 126 hours including the major, core, and minor if required. Elective hours may be needed to reach 126 hours.

12 HOURS COMMON CORE

COMM-2823	Public Relations Principles
MGMT-3133	Principles of Management
ENGL-3493	Technical Writing
MKTG-3313	Principles of Marketing

6 HOURS RESTRICTED ELECTIVES CHOSEN FROM

COMM-3113	Business and Professional Communication
COMM-3543	Public Relations Case Studies
MGMT-3323	Entrepreneurship and Small Business Management
MGMT-3533	Issues in Management
MKTG-3413	Consumer Behavior
MKTG-4313	Promotional Strategies

18 HOURS CONCENTRATION AREA

Choose 18 hours in one area as approved by your advisor.

6 HOURS SAME FOREIGN LANGUAGE

Take 6 hours of Spanish, Japanese, French, or German

UNIVERSITY CORE CURRICULUM:
B.A. - 55 HOURS - COURSES MAY NOT BE REPEATED WITHIN CORE

COMMUNICATION, 9 HOURS

ENGL-1113	English Composition I
ENGL-1213	English Composition II
COMM-1213	Oral Communication

MATHEMATICS, 3 HOURS

Appropriate to major

REQUIRED BIBLE, 8 HOURS

Could be used in the major

BIBL-1112	The Christian Scholar
BIBL-1312	Life of the Early Church: Acts
BIBL-2202	Story of the Old Testament
BIBL-2302	Story of the New Testament

BIBLE ELECTIVE, 5 HOURS

5 hours of Bible courses, except Missions Experience

CAPSTONE, 3 HOURS

BIBL-4523	Capstone: Christ and His World

POLITICAL SCIENCE, 3 HOURS

POLS-2113	Introduction to American Politics

AMERICAN HISTORY, 3 HOURS

HIST-2213	History of the U.S. to 1877

GREAT WORKS ADDITIONAL, 6 HOURS

should include literature

ARTS-2013	Survey of Visual Culture
ARTS-2423	History of Photography & Motion Pictures
COMM-2023	History of Theater I
COMM-2033	History of Theater II
ENGL-2213	Perspectives in Literature
MUSC-2013	Music Appreciation
MUSC-3213	Perspectives in World Music

SCIENCE, 6 HOURS

BEHAVIORAL SCIENCE, 3 HOURS

PSYC-1113	General Psychology I

WESTERN CIVILIZATION, 3 HOURS

HIST-2923	Perspectives in Western Civilization

NON-WESTERN CIVILIZATION, 3 HOURS

GEOG-2213	World Regional Geography
HIST-2613	The Modern Middle East
MISS-3513	World Religions
MISS-3673	New Religious Movements
MISS-3613	Cultural Anthropology
MUSC-3213	Perspectives in World Music

*For more information on how to apply the study abroad trips to the core curriculum see page # 25

DEPARTMENT OF
LANGUAGE & LITERATURE

AREAS OF STUDY
English (ENGL)
French (FRNC)
German (GERM)
Japanese (JAPN)
Spanish (SPAN)

DEGREES OFFERED
B.A. Degree in English
B.A. Degree in English/Pre-Law
B.A. Degree in English/Teaching English as a Foreign Language (TEFL)
B.A. Degree in English/Writing
B.S.E. Degree in English
B.A. Degree in Spanish

MINORS
English
Spanish
Teaching English as a foreign Language
Writing

FACULTY
Cami Agan, Ph.D., Department Chair, Professor of English
Rebecca Briley, Ph.D., Associate Professor of English and Coordinator of Composition/Rhetoric
Scott LaMascus, Ph.D., Professor of English, and Senior Vice President of Academic Affairs
Bailey McBride, Ph.D., Professor of English
Gail Nash, M.A., Ph.D., Associate Professor of English
Willie Steele, Ph.D., Professor of English
Tina Ware, Ph.D., Professor of Spanish

LOCATION
Mabee Learning Center

DEAN
David Lowry, Ph.D., Dean of the College of Arts and Sciences, Professor of Communication

Dean's Office
Mabee Learning Center, 2nd floor, Room 229

B.A. DEGREE IN ENGLISH
42 HOURS, MINOR REQUIRED PLUS 6 HOURS OF SAME FOREIGN LANGUAGE

The English major must meet all the general requirements for the B.A. degree. The major consists of 42 hours of English beyond freshman English composition.

An OC graduate with a Bachelor of Arts degree in English will demonstrate:
1. Critical thinking skills.
2. Clear, correct, and effective communication in English.
3. Comprehension, interpretation, and evaluation of texts, including critical works and works of British, American, and World Literature in their cultural and historical context, with the use of various theoretical methodologies.
4. Basic skills in a foreign language.
5. Exploration of and contribution to the world of ideas.
6. Articulation of and engagement in the personal integration of faith and learning.

Student must complete a minimum of 126 hours including the major, core, and minor if required. Elective hours may be needed to reach 126 hours.

9 HOURS FOUNDATION COURSES

ENGL-2223	Introduction to Writing About Literature
ENGL-3013	Literary Criticism
ENGL-4213	Studies in Shakespeare

9 HOURS ENGLISH LITERATURE

ENGL-3153	English Literature Survey I, 680-1600
ENGL-3253	English Literature Survey II, 1600-1780
ENGL-3353	English Literature Survey III, 1780-Present

6 HOURS AMERICAN LITERATURE CHOSEN FROM

ENGL-3673	American Literature Survey I, Before 1865
ENGL-3773	American Literature Survey II,1865-1914
ENGL-3873	American Literature Survey III,1914-Present

6 HOURS WORLD LITERATURE

ENGL-3123	World Literature I, Classical to Renaissance
ENGL-3133	World Literature II, Renaissance to Modern

9 HOURS LITERATURE ELECTIVES
3000-level or above

3 HOURS SENIOR SEMINAR

ENGL-4733	Senior Capstone

6 HOURS, FOREIGN LANGUAGE
Take 6 hours of the same foreign language

PRE-LAW EMPHASIS
The course requirements for the English Pre-Law emphasis are the same as for the regular B.A. in English. However, students should consult with their advisors to determine which courses will best support the pre-law emphasis.

UNIVERSITY CORE CURRICULUM:
B.A. - 55 HOURS - COURSES MAY NOT BE REPEATED WITHIN CORE

COMMUNICATION, 9 HOURS

ENGL-1113	English Composition I
ENGL-1213	English Composition II
COMM-1213	Oral Communication

MATHEMATICS, 3 HOURS
Appropriate to major

REQUIRED BIBLE, 8 HOURS
Could be used in the major

BIBL-1112	The Christian Scholar
BIBL-1312	Life of the Early Church: Acts
BIBL-2202	Story of the Old Testament
BIBL-2302	Story of the New Testament

BIBLE ELECTIVE, 5 HOURS
5 hours of Bible courses, except Missions Experience

CAPSTONE, 3 HOURS

BIBL-4523	Capstone: Christ and His World

POLITICAL SCIENCE, 3 HOURS

POLS-2113	Introduction to American Politics

AMERICAN HISTORY, 3 HOURS

HIST-2213	History of the U.S. to 1877

GREAT WORKS, 6 HOURS
should include literature

ARTS-2013	Survey of Visual Culture
ARTS-2423	History of Photography & Motion Pictures
COMM-2023	History of Theater I
COMM-2033	History of Theater II
ENGL-2213	Perspectives in Literature
MUSC-2013	Music Appreciation
MUSC-3213	Perspectives in World Music

SCIENCE, 6 HOURS

BEHAVIORAL SCIENCE, 3 HOURS

PSYC-1113	General Psychology I

WESTERN CIVILIZATION, 3 HOURS

HIST-2923	Perspectives in Western Civilization

NON-WESTERN CIVILIZATION, 3 HOURS

GEOG-2213	World Regional Geography
HIST-2613	The Modern Middle East
MISS-3513	World Religions
MISS-3673	New Religious Movements
MISS-3613	Cultural Anthropology
MUSC-3213	Perspectives in World Music

*For more information on how to apply the study abroad trips to the core curriculum see page # 25

B.A. DEGREE IN ENGLISH/TEACHING ENGLISH AS A FOREIGN LANGUAGE 42 HOURS, MINOR REQUIRED PLUS 6 HOURS OF SAME FOREIGN LANGUAGE

An OC graduate with a Bachelor of Arts degree in English/Teaching English as a Foreign Language will:

1. Demonstrate competence in teaching English as a foreign language either abroad or domestically.
2. Demonstrate comprehension of linguistics, grammar, intercultural communication, language learning theory, and teaching methodology.
3. Demonstrate the ability to think, read, and write critically, especially on issues related to language, learning, and teaching.
4. Demonstrate an awareness of and appreciation for the diversities among people around the world.
5. Engage in and articulate a personal integration of faith and learning.

Student must complete a minimum of 126 hours including the major, core, and minor if required. Elective hours may be needed to reach 126 hours.

21 HOURS SPECIALIZED TEFL

ENGL-1331	TEFL Experience I
ENGL-2332	TEFL Experience II
ENGL-3313	Introduction to Linguistics
ENGL-3713	Structure of the English Language
ENGL-3723	Methods of TEFL I
ENGL-4633	Intercultural Communication I
ENGL-4713	Methods of TEFL II
ENGL-4863	TEFL Student Teaching Practicum

3 HOURS, ENGLISH GATEWAY

ENGL-2223 Introduction to Writing About Literature

This course must be completed before enrolling in upper level Literature courses.

9 HOURS LITERATURE TAUGHT IN ENGLISH

3 HOURS SENIOR SEMINAR

ENGL-4733 Senior Seminar

6 HOURS CHOSEN FROM THE FOLLOWING

ENGL-3493	Technical Writing
ENGL-4113	Studies in Chaucer
ENGL-4213	Studies in Shakespeare
GEOG-2113	Elements of Human Geography
GEOG-2213	World Political Geography
HIST-2513	English History to 1603
HIST-2523	English History Since 1603
HIST-2923	Perspectives in Western Civilization
	or
HIST-3133	Latin American People
	or
HIST-3143	Civilizations of the Pacific Rim
SOCI-3513	World Religions
SOCI-3613	Cultural Anthropology

6 HOURS, FOREIGN LANGUAGE

Take 6 hours of the same foreign language

UNIVERSITY CORE CURRICULUM: B.A. - 55 HOURS - COURSES MAY NOT BE REPEATED WITHIN CORE

COMMUNICATION, 9 HOURS

ENGL-1113	English Composition I
ENGL-1213	English Composition II
COMM-1213	Oral Communication

MATHEMATICS, 3 HOURS

Appropriate to major

REQUIRED BIBLE, 8 HOURS

Could be used in the major

BIBL-1112	The Christian Scholar
BIBL-1312	Life of the Early Church: Acts
BIBL-2202	Story of the Old Testament
BIBL-2302	Story of the New Testament

BIBLE ELECTIVE, 5 HOURS

5 hours of Bible courses, except Missions Experience

CAPSTONE, 3 HOURS

BIBL-4523	Capstone: Christ and His World

POLITICAL SCIENCE, 3 HOURS

POLS-2113	Introduction to American Politics

AMERICAN HISTORY, 3 HOURS

HIST-2213	History of the U.S. to 1877

GREAT WORKS, 6 HOURS

should include literature

ARTS-2013	Survey of Visual Culture
ARTS-2423	History of Photography & Motion Pictures
COMM-2023	History of Theater I
COMM-2033	History of Theater II
ENGL-2213	Perspectives in Literature
MUSC-2013	Music Appreciation
MUSC-3213	Perspectives in World Music

SCIENCE, 6 HOURS

BEHAVIORAL SCIENCE, 3 HOURS

PSYC-1113	General Psychology I

WESTERN CIVILIZATION, 3 HOURS

HIST-2923	Perspectives in Western Civilization

NON-WESTERN CIVILIZATION, 3 HOURS

GEOG-2213	World Regional Geography
HIST-2613	The Modern Middle East
MISS-3513	World Religions
MISS-3673	New Religious Movements
MISS-3613	Cultural Anthropology
MUSC-3213	Perspectives in World Music

*For more information on how to apply the study abroad trips to the core curriculum see page # 25

B.A. DEGREE IN ENGLISH WRITING
42 HOURS, MINOR REQUIRED PLUS 6 HOURS OF SAME FOREIGN LANGUAGE

The B.A. degree in English/Writing is designed to develop professional writing skills to prepare graduates for a variety of careers. Since writing well is essential in business and education, and since many graduate and professional schools demand exceptional composition skills, many students will want to combine a major or minor with other professional training.

An OC graduate with a Bachelor of Arts degree in English/Writing will:
1. Think both critically and creatively.
2. Demonstrate the ability to understand, interpret, and evaluate works of literature (from the earliest texts to current best sellers), as well as his or her own work.
3. Demonstrate competence in various types of writing that prepares him or her for graduate school and/or a job in technical writing, editing, creative writing, journalistic writing, countless other types of professional writing.
4. Demonstrate the awareness of the power of words and language and the responsibility that accompanies the ability to use words and language in a positive way.
5. Demonstrate an awareness of and appreciation for the diversities among people across the globe.
6. Embrace and articulate personal integration of faith and learning.

Student must complete a minimum of 126 hours including the major, core, and minor if required. Elective hours may be needed to reach 126 hours.

6 HOURS CREATIVE WRITING
ENGL-3523 Creative Writing I
ENGL-3533 Creative Writing II

3 HOURS, ENGLISH GATEWAY COURSE
ENGL-2223 Introduction to Writing About Literature
This course must be completed before enrolling in upper level Literature courses.

3 HOURS INDIVIDUALIZED WRITING
ENGL-3813 Individualized Writing

3 HOURS TECHNICAL WRITING
ENGL-3493 Technical Writing

12 HOURS 3000/4000 LEVEL LITERATURE COURSES

6 HOURS GRAMMAR AND LINGUISTICS
ENGL-3313 Introduction to Linguistics
ENGL-3713 Structure of the English Language

6 HOURS JOURNALISM
COMM-2113 Media Writing
COMM-3523 Reporting and Editing the News
COMM-3823 Feature Writing
ENGL-4853 SS: Writing

3 HOURS SENIOR SEMINAR
ENGL-4733 Senior Seminar

6 HOURS, FOREIGN LANGUAGE
Take 6 hours of the same foreign language

**Students cannot use a course in a major and a minor. If a course that is required in the student's major is also required in his or her minor, a substitute course should be chosen with the help of the student's advisor.

UNIVERSITY CORE CURRICULUM:
B.A. - 55 HOURS - COURSES MAY NOT BE REPEATED WITHIN CORE

COMMUNICATION, 9 HOURS
ENGL-1113 English Composition I
ENGL-1213 English Composition II
COMM-1213 Oral Communication

MATHEMATICS, 3 HOURS
Appropriate to major

REQUIRED BIBLE, 8 HOURS
Could be used in the major
BIBL-1112 The Christian Scholar
BIBL-1312 Life of the Early Church: Acts
BIBL-2202 Story of the Old Testament
BIBL-2302 Story of the New Testament

BIBLE ELECTIVE, 5 HOURS
5 hours of Bible courses, except Missions Experience

CAPSTONE, 3 HOURS
BIBL-4523 Capstone: Christ and His World

POLITICAL SCIENCE, 3 HOURS
POLS-2113 Introduction to American Politics

AMERICAN HISTORY, 3 HOURS
HIST-2213 History of the U.S. to 1877

GREAT WORKS, 6 HOURS
should include literature
ARTS-2013 Survey of Visual Culture
ARTS-2423 History of Photography & Motion Pictures
COMM-2023 History of Theater I
COMM-2033 History of Theater II
ENGL-2213 Perspectives in Literature
MUSC-2013 Music Appreciation
MUSC-3213 Perspectives in World Music

SCIENCE, 6 HOURS

BEHAVIORAL SCIENCE, 3 HOURS
PSYC-1113 General Psychology I

WESTERN CIVILIZATION, 3 HOURS
HIST-2923 Perspectives in Western Civilization

NON-WESTERN CIVILIZATION, 3 HOURS
GEOG-2213 World Regional Geography
HIST-2613 The Modern Middle East
MISS-3513 World Religions
MISS-3673 New Religious Movements
MISS-3613 Cultural Anthropology
MUSC-3213 Perspectives in World Music

*For more information on how to apply the study abroad trips to the core curriculum see page # 25

B.S.E. DEGREE IN ENGLISH EDUCATION
73 HOURS, PROFESSIONAL EDUCATION MINOR INCLUDED

The major is designed for those who plan careers in middle, junior, or senior high school teaching. A student in this degree program must have two advisors, one in English and one in education. The student must meet all the requirements for the Bachelor of Science in Education degree, including: a minor in professional education, and 40 hours in the major beyond freshman composition.

An OC graduate with a Bachelor of Science in Education degree in English will:

1. Through extensive writing, research, presentations, class discussion, and testing demonstrate critical thinking skills, clear, correct, and effective communication in English, comprehension, interpretation, and evaluation of texts including critical works and works of British, American, and World Literature in their cultural and historical context, with the use of various theoretical methodologies, skills in applying the essential concepts of English structure and linguistics, basic skills in a foreign language (BSE - two years in high school; BA - 6 hours), exploration of and contribution to the world of ideas, and articulation of and engagement in the personal integration of faith and learning.
2. Show that he or she has acquired competency in a broad general education through study in the liberal arts by successfully completing the university core curriculum and passing the Oklahoma General Education Test (OGET).
3. Demonstrate an in-depth knowledge of English language and literature by achieving a 3.00 GPA in the specified major courses required for certification in English and passing the Oklahoma Subject Area Test (OSAT) in English.
4. Demonstrate that he or she has acquired the knowledge, skills, and dispositions appropriate for initial entry into the profession of teaching by completing a specified curriculum in professional education courses with no grades below a grade of C, passing the Oklahoma Professional Teacher Education Exam (OPTE), and receiving average ratings of Proficient on the Formative and Summative assessments in student teaching

Student must complete a minimum of 126 hours including the major, core, and minor if required. Elective hours may be needed to reach 126 hours.

3 HOURS GATEWAY COURSE
ENGL-2223 Introduction to Writing About Literature
This course must be completed before enrolling in upper level Literature courses.

3 HOURS GRAMMAR AND COMPOSITION
ENGL-3713 Structure of the English Language

3 HOURS LINGUISTICS
ENGL-3313 Introduction to Linguistics

9 HOURS AMERICAN LITERATURE
ENGL-3673 American Literature Survey I, Before 1865
ENGL-3773 American Literature Survey II,1865-1914
ENGL-3873 American Literature Survey III,1914-Present

9 HOURS ENGLISH LITERATURE
ENGL-3153 English Literature Survey I,680-1600
ENGL-3253 English Literature Survey II,1600-1780
ENGL-3353 English Literature Survey III,1780-Present

3 HOURS WORLD LITERATURE CHOSEN FROM
ENGL-3123 World Literature, Classical to Renaissance
or
ENGL-3133 World Literature, Renaissance to Modern

3 HOURS SHAKESPEARE
ENGL-4213 Studies in Shakespeare

3 HOURS SENIOR SEMINAR
ENGL-4733 Senior Seminar

4 HOURS ELECTIVES FROM THE FOLLOWING AREAS
Speech, Journalism, Drama

25 SEMESTER HOURS, PROFESSIONAL EDUCATION
EDUC-3121 Orientation to Teacher Education
EDUC-3122 The School in American Culture
EDUC-3213 Learning, Instruction and Assessment
EDUC-3422 Educational Technology
EDUC-3723 Education of the Exceptional Child
EDUC-4013 Human Relations and Behavior Management
EDUC-4131 Applied Instructional and Assessment Strategies
EDUC-4132 Critical Issues in Education
EDUC-4718 Student Teaching in the Secondary Schools

5 HOURS OTHER COURSES
EDUC-4112 Reading in the Content Areas
PSYC-3523 Developmental Psychology

3 HOURS, METHODS COURSE
EDUC-4553 Methods of Teaching Language Arts in Sec. Schools

FOREIGN LANGUAGE COMPETENCY CHOOSE ONE:
High School Foreign Language – 2 years of same language with a grade of "C" or better
University credit – 3 hours foreign language, American Sign Language with a grade of "C" or better.

UNIVERSITY CORE CURRICULUM:
B.S.E. - 55 HOURS - COURSES MAY NOT BE REPEATED WITHIN CORE

COMMUNICATION, 9 HOURS
ENGL-1113 English Composition I
ENGL-1213 English Composition II
COMM-1213 Oral Communication

MATHEMATICS, 3 HOURS
appropriate to major

REQUIRED BIBLE, 8 HOURS
BIBL-1112 The Christian Scholar
BIBL-1312 Life of the Early Church:
BIBL-2202 Story of the Old Testament
BIBL-2302 Story of the New Testament

BIBLE ELECTIVE, 5 HOURS
5 hours of Bible courses, except Missions Experience

CAPSTONE, 3 HOURS
BIBL-4523 Capstone: Christ and His World

POLITICAL SCIENCE, 3 HOURS
POLS-2113 Introduction to American Politics

AMERICAN HISTORY, 3 HOURS
HIST-1223 Turning Points in U.S. History

GREAT WORKS, 3 HOURS
ENGL-2213 Perspectives in Literature

SCIENCE, 6 HOURS
used in the major

BEHAVIORAL SCIENCE, 6 HOURS
PSYC-1113 General Psychology I
PSYC-3523 Developmental Psychology

LIBERAL ARTS, 6 HOURS
6 hours from English, Fine Arts, History, Math or Science as approved by the department

*For more information on how to apply the study abroad trips to the core curriculum see page # 25

B.A. DEGREE IN SPANISH
30 HOURS, MINOR REQUIRED PLUS 6 HOURS OF SAME FOREIGN LANGUAGE

The Spanish major must meet all general requirements for the B.A. degree. The major consists of 30 hours of Spanish beyond Basic Spanish I and II.

An OC graduate with a Bachelor of Arts degree in Spanish will:
1. Demonstrate proficiency in speaking, reading, and writing in the Spanish language to participate in fluid conversations with native speakers of Spanish, read and understand prose and poetry in the target language, and write research papers and essays in Spanish.
2. Have an awareness and appreciation of the cultures of Spanish-speaking countries including the customs, religion and general way of life of their own country as it compares with that of Spanish speaking countries and important Hispanic authors, movements and historical events.
3. Have familiarity with the structure of the Spanish language, including the grammar of their native language as it compares with that of Spanish, and have the ability to use all verb tenses in Spanish interchangeably.
4. Engage in and articulate a personal integration of faith and learning.

Student must complete a minimum of 126 hours including the major, core, and minor if required. Elective hours may be needed to reach 126 hours.

9 HOURS LITERATURE
SPAN-3213 Spanish Literary Readings
SPAN-4113 Studies in Spanish Literature
SPAN-4213 Studies in Latin American Literature

3 HOURS ADVANCED GRAMMAR AND CONVERSATION

3 HOURS HISPANIC CIVILIZATION
SPAN-3223 Hispanic Civilization

9 HOURS SPANISH ELECTIVES, except span-1113 span-1213

3 HOURS SPANISH IMMERSION LAB
SPAN-4711 Spanish Immersion Lab
This course must be taken three times.

3 HOURS SENIOR SEMINAR
SPAN-4623 Senior Spanish Capstone
Successful completion of Senior Capstone meets the requirements for all strands of Language and Literature majors.

FOREIGN LANGUAGE, 6 HOURS
Take 6 hours of the same foreign language other than spanish.
A student majoring in Spanish should work with his or her advisor to select the minor that will be most beneficial. Art, history, international studies, and communication are often beneficial to a Spanish major.

SPANISH PROFICIENCY
The necessary courses for Spanish proficiency include those required for the student's preferred degree plus a minimum of 12 hours in Spanish, or the equivalent of courses up through Intermediate Spanish II. Students will be required to participate in a university approved field experience, which will include some sort of immersion into the Spanish language, after taking a minimum of 6 hours in the language. The student must write a one page description of his or her time abroad explaining how he or she will use Spanish and have it approved by the Language and Literature Department PRIOR to departure. In addition, the student must indicate a sponsor who will verify (after the student's return) his/her use of the Spanish language. Practicum requirements may be accomplished by taking part in a spring break or summer mission trip to a Spanish-speaking country. This proficiency is noted on the student's transcript.

UNIVERSITY CORE CURRICULUM:
B.A. - 55 HOURS - COURSES MAY NOT BE REPEATED WITHIN CORE

COMMUNICATION, 9 HOURS
ENGL-1113 English Composition I
ENGL-1213 English Composition II
COMM-1213 Oral Communication

MATHEMATICS, 3 HOURS
Appropriate to major

REQUIRED BIBLE, 8 HOURS
Could be used in the major
BIBL-1112 The Christian Scholar
BIBL-1312 Life of the Early Church: Acts
BIBL-2202 Story of the Old Testament
BIBL-2302 Story of the New Testament

BIBLE ELECTIVE, 5 HOURS
5 hours of Bible courses, except Missions Experience

CAPSTONE, 3 HOURS
BIBL-4523 Capstone: Christ and His World

POLITICAL SCIENCE, 3 HOURS
POLS-2113 Introduction to American Politics

AMERICAN HISTORY, 3 HOURS
HIST-2213 History of the U.S. to 1877

GREAT WORKS, 6 HOURS
should include literature
ARTS-2013 Survey of Visual Culture
ARTS-2423 History of Photography & Motion Pictures
COMM-2023 History of Theater I
COMM-2033 History of Theater II
ENGL-2213 Perspectives in Literature
MUSC-2013 Music Appreciation
MUSC-3213 Perspectives in World Music

SCIENCE, 6 HOURS

BEHAVIORAL SCIENCE, 3 HOURS
PSYC-1113 General Psychology I

WESTERN CIVILIZATION, 3 HOURS
HIST-2923 Perspectives in Western Civilization

NON-WESTERN CIVILIZATION, 3 HOURS
GEOG-2213 World Regional Geography
HIST-2613 The Modern Middle East
MISS-3513 World Religions
MISS-3673 New Religious Movements
MISS-3613 Cultural Anthropology
MUSC-3213 Perspectives in World Music

*For more information on how to apply the study abroad trips to the core curriculum see page # 25

DEPARTMENT OF
MUSIC

AREAS OF STUDY
Music

DEGREES OFFERED
B.A. Degree in Music
B.M.E. Degree in Music Instrumental Emphasis
B.M.E. Degree in Music Vocal Emphasis

MINORS
Music

FACULTY
Kathy Thompson, Ph.D., Department Chair, Professor of Music
John Fletcher, D.M.A., Professor of Music
Paula Hutton, M.M.E., (Ph.D. candidate), Associate Professor of Music
Heath Jones, Ph.D., Professor of Music
Kyle Pullen, D.M.A., Director, Chorale, Associate Professor of Music

LOCATION
Fletcher Center for Music
Garvey Center for the Liberal Arts

DEAN
David Lowry, Ph.D., Dean of the College of Arts and Sciences, Professor of Communication

Dean's Office
Mabee Learning Center, 2nd floor, Room 229

SPECIAL REQUIREMENTS FOR ALL MUSIC MAJORS:
All prospective music majors must take placement exams in music fundamentals and piano. Credit may be earned for AP tests or previous study if their skills meet departmental expectations.

All prospective music majors must audition in their major performance area during their second semester for official acceptance into a music degree program.

All music majors must enroll in MUSC-1000, Recital Attendance, each semester. A minimum grade of C must be earned in at least 6 of those semesters.
All music majors are required to audition for at least one approved ensemble each semester. Only four hours of credit will apply toward the degree program. The faculty may direct pianists to substitute accompanying for ensemble experience.

As a graduation requirement, students must pass the two sections of the Piano Proficiency Exam as described in departmental publications. The Repertoire section is given as the final exam for MUSC-2581, and the Functional Skills section is the final exam for MUSC-2681. Music majors should continue to enroll in class piano or applied piano each semester until the exam is successfully completed.

No music major will be permitted to participate in commencement exercises without having:
Passed the Piano Proficiency Exam.
Completed all requirements for the senior recital/senior project, MUSC-4001/4011. Each music major should consult the music department chair regarding the cut-off date after which the student will forfeit the opportunity to participate in upcoming commencement exercises should the stated requirements not yet be completed.

B.A. DEGREE IN MUSIC
51 HOURS, MINOR REQUIRED, PLUS 6 HOURS OF SAME FOREIGN LANGUAGE

The B.A. degree in Music is for students desiring to study music in a liberal arts curriculum. In the tradition of a liberal arts education, this degree offers preparation for careers and graduate study not only in music, but in many other disciplines.

An OC graduate with a B.A. with instrumental emphasis will demonstrate
1. Ability to hear and analyze rhythm, melody, harmony, and form.
2. Ability to sight-read music and perform with other musicians.
3. Understanding of compositional and aesthetic properties of style, and how the art of music is shaped by cultural forces.
4. Acquaintance with a wide selection of music literat.re beyond the student's specialization through lectures, assignments, and concert attendance.
5. Ability to perform a cross-section of that repertory according to the student's interest and departmental standards.
6. Ability to communicate clearly, critically, and creatively about music.

Student must complete a minimum of 126 hours including the major, core, and minor if required. Elective hours may be needed to reach 126 hours.

11 HOURS BASIC THEORY

MUSC-1112	Music Theory I
MUSC-1211	Ear Training II
MUSC-1212	Music Theory II
MUSC-2111	Ear Training III
MUSC-2112	Music Theory III
MUSC-2211	Ear Training IV
MUSC-2212	Music Theory IV

4 HOURS CLASS PIANO

MUSC-1581	Class Piano I
MUSC-1681	Class Piano II
MUSC-2581	Class Piano III
MUSC-2681	Class Piano IV

9 HOURS MUSIC HISTORY

MUSC-3323	Music History I: Ancient Music Thru the Renaissance
MUSC-3333	Music History II, Baroque and the Classical Music
MUSC-3343	Music History III, Romantic Music and Contemporary Music

2 HOURS ADVANCED THEORY AND TECHNIQUE

MUSC-3412	Orchestration

2 HOURS CONDUCTING CHOSEN FROM

MUSC-4212	Choral Conducting I
MUSC-4312	Instrumental Conducting I

3 HOURS MUSIC TECHNOLOGY

MUSC-3513	Music Education Technology

10 HOURS APPLIED MUSIC SELECTED FROM VOCAL AND INSTRUMENTAL STUDY WITH CONSENT OF ADVISOR

5 HOURS MUSIC ELECTIVES OTHER THAN ENSEMBLES

4 HOURS MUSIC ENSEMBLE (1300 OR 1400 LEVEL COURSES)

1 HOUR CAPSTONE PROJECT OR RECITAL

MUSC-4001	Senior Recital
	or
MUSC-4011	Senior Project

6 HOURS, SAME FOREIGN LANGUAGE

UNIVERSITY CORE CURRICULUM:
B.A. - 55 HOURS - COURSES MAY NOT BE REPEATED WITHIN CORE

COMMUNICATION, 9 HOURS

ENGL-1113	English Composition I
ENGL-1213	English Composition II
COMM-1213	Oral Communication

MATHEMATICS, 3 HOURS
Appropriate to major

REQUIRED BIBLE, 8 HOURS

BIBL-1112	The Christian Scholar
BIBL-1312	Life of the Early Church: Acts
BIBL-2202	Story of the Old Testament
BIBL-2302	Story of the New Testament

BIBLE ELECTIVE, 5 HOURS
5 hours of Bible courses, except Missions Experience

CAPSTONE, 3 HOURS

BIBL-4523	Capstone: Christ and His World

POLITICAL SCIENCE, 3 HOURS

POLS-2113	Introduction to American Politics

AMERICAN HISTORY, 3 HOURS

HIST-1223	Turning Points in U.S. History

GREAT WORKS, 6 HOURS
should include literature

ARTS-2013	Survey of Visual Culture
ARTS-2423	History of Photography & Motion Pictures
COMM-2023	History of Theater I
COMM-2033	History of Theater II
ENGL-2213	Perspectives in Literature
MUSC-2013	Music Appreciation
MUSC-3213	Perspectives in World Music

SCIENCE, 6 HOURS

BEHAVIORAL SCIENCE, 3 HOURS

PSYC-1113	General Psychology I

WESTERN CIVILIZATION, 3 HOURS

HIST-2923	Perspectives in Western Civilization

NON-WESTERN CIVILIZATION, 3 HOURS

GEOG-2213	World Regional Geography
HIST-2613	The Modern Middle East
MISS-3513	World Religions
MISS-3673	New Religious Movements
MISS-3613	Cultural Anthropology
MUSC-3213	Perspectives in World Music

*For more information on how to apply the study abroad trips to the core curriculum see page # 25

B.M.E. DEGREE IN MUSIC/INSTRUMENTAL EMPHASIS, 76 HOURS, PLUS 6 HOURS COUNTED IN CORE; PROFESSIONAL EDUCATION MINOR INCLUDED

The B.M.E. Degree is for students pursuing a teaching career in music. The degree provides the student with the necessary coursework required for the standard teaching certificate as outlined by the Oklahoma State Department of Education.

An OC graduate with a B.M.E. with instrumental emphasis will demonstrate
1. Ability to hear and analyze rhythm, melody, harmony, and form.
2. Ability to sight-read music and perform with other musicians.
3. Understanding of compositional and aesthetic properties of style, and how the art of music is shaped by cultural forces.
4. Acquaintance with a wide selection of music literature beyond the student's specialization through lectures, assignments, and concert attendance.
5. Ability to perform a cross-section of that repertory according to the student's interest and departmental standards.
6. Ability to communicate clearly, critically, and creatively about music.

Student must complete a minimum of 126 hours including the major, core, and minor if required. Elective hours may be needed to reach 126 hours.

11 HOURS BASIC THEORY

MUSC-1112	Music Theory I
MUSC-1211	Ear Training II
MUSC-1212	Music Theory II
MUSC-2111	Ear Training III
MUSC-2112	Music Theory III
MUSC-2211	Ear Training IV
MUSC-2212	Music Theory IV

4 HOURS CLASS PIANO

MUSC-1581	Class Piano I
MUSC-1681	Class Piano II
MUSC-2581	Class Piano III
MUSC-2681	Class Piano IV

9 HOURS MUSIC HISTORY, 3 hours counted in core

MUSC-3323	Music History I: Ancient Music Thru the Renaissance
MUSC-3333	Music History II, Baroque and the Classical Music
MUSC-3343	Music History III, Romantic Music and Contemporary

5 HOURS ADVANCED THEORY AND TECHNOLOGY

MUSC-3412	Orchestration
MUSC-3513	Music Education Technology

4 HOURS CLASS INSTRUMENTS

MUSC-3121	Class Woodwinds
MUSC-3131	Class Brass
MUSC-3141	Class Percussion
MUSC-3151	Class Strings

4 HOURS CONDUCTING

MUSC-4312	Instrumental Conducting I
MUSC-4322	Instrumental Conducting II

8 HOURS MAJOR PERFORMANCE INSTRUMENT

1 HOUR SECONDARY INSTRUMENT

1 HOUR VOICE

4 HOURS MUSIC ENSEMBLE,
1300-1400 level courses

1 HOUR CAPSTONE PROJECT OR RECITAL

MUSC-4001	Senior Recital
	or
MUSC-4011	Senior Project

23 HOURS PROFESSIONAL EDUCATION

EDUC-3121	Orientation to Teacher Education
EDUC-3122	The School in American Culture
EDUC-3213	Learning, Instruction and Assessment
EDUC-3723	Education of the Exceptional Child
EDUC-4013	Human Relations and Behavior Management
EDUC-4131	Applied Instructional and Assessment Strategies
EDUC-4132	Critical Issues in Education
EDUC-4818	Student Teaching in the Elementary and Secondary Schools

3 HOURS PSYCHOLOGY, counted in the core

PSYC-3523	Developmental Psychology

4 HOURS MUSIC METHODS

EDUC-4422	Elementary Music Methods
EDUC-4432	Secondary Instrumental Music Methods

FOREIGN LANGUAGE COMPETENCY
Choose One:
High School Foreign Language – 2 years of same language with a grade of "C" or better

University credit – 3 hours foreign language or American Sign Language with a grade of "C" or better.

UNIVERSITY CORE CURRICULUM: B.M.E. - 55 HOURS - COURSES MAY NOT BE REPEATED WITHIN CORE

COMMUNICATION, 9 HOURS

ENGL-1113	English Composition I
ENGL-1213	English Composition II
COMM-1213	Oral Communication

MATHEMATICS, 3 HOURS

MATH-1143	Elements of Math

REQUIRED BIBLE, 8 HOURS

BIBL-1112	The Christian Scholar
BIBL-1312	Life of the Early Church: Acts
BIBL-2202	Story of the Old Testament
BIBL-2302	Story of the New Testament

BIBLE ELECTIVE, 5 HOURS
5 hours of Bible courses, except Missions Experience

CAPSTONE, 3 HOURS

BIBL-4523	Capstone: Christ and His World

POLITICAL SCIENCE, 3 HOURS

POLS-2113	Introduction to American Politics

AMERICAN HISTORY, 3 HOURS

HIST-1223	Turning Points in U.S. History

GREAT WORKS, 3 HOURS*
used in the major

MUSC-3323	Music History I: Ancient Music Thru the Renaissance
MUSC-3333	Baroque and Classical Music
MUSC-3343	Music History III: Romantic and Contemporary Music

SCIENCE, 6 HOURS

BEHAVIORAL SCIENCE, 6 HOURS
used in the major

PSYC-1113	General Psychology I
PSYC-3523	Development Psychology,

GREAT WORKS, ADDITIONAL, 3 HOURS

ARTS-2013	Intro to Visual Arts
COMM-2023	History of Theater 1
COMM-2033	History of Theater 2
ENGL-2213	English Literature

NON-WESTERN CIVILIZATION, 3 HOURS

MUSC-3213	Perspectives in World Music

*For more information on how to apply the study abroad trips to the core curriculum see page # 25

B.M.E. DEGREE IN MUSIC/VOCAL EMPHASIS, 77 HOURS, PLUS 6 HOURS COUNTED IN CORE; PROFESSIONAL EDUCATION MINOR INCLUDED

The B.M.E. Degree is for students pursuing a teaching career in music. The degree provides the student with the necessary coursework required for the standard teaching certificate as outlined by the Oklahoma State Department of Education.

An OC graduate with a B.M.E. with instrumental emphasis will demonstrate

1. Ability to hear and analyze rhythm, melody, harmony, and form.
2. Ability to sight-read music and perform with other musicians.
3. Understanding of compositional and aesthetic properties of style, and how the art of music is shaped by cultural forces.
4. Acquaintance with a wide selection of music literature beyond the student's specialization through lectures, assignments, and concert attendance.
5. Ability to perform a cross-section of that repertory according to the student's interest and departmental standards.
6. Ability to communicate clearly, critically, and creatively about music.

Student must complete a minimum of 126 hours including the major, core, and minor if required. Elective hours may be needed to reach 126 hours.

11 HOURS BASIC THEORY
MUSC-1112 Music Theory I
MUSC-1211 Ear Training II
MUSC-1212 Music Theory II
MUSC-2111 Ear Training III
MUSC-2112 Music Theory III
MUSC-2211 Ear Training IV
MUSC-2212 Music Theory IV

4 HOURS CLASS PIANO
MUSC-1581 Class Piano I
MUSC-1681 Class Piano II
MUSC-2581 Class Piano III
MUSC-2681 Class Piano IV

9 HOURS MUSIC HISTORY, 3 hours used in core
MUSC-3323 Music History I: Ancient Music Thru the Renaissance
MUSC-3333 Music History II, Baroque and the Classical Music
MUSC-3343 Music History III, Romantic Music and Contemporary

5 HOURS ADVANCED THEORY AND TECHNOLOGY
MUSC-3412 Orchestration
MUSC-3513 Music Education Technology

10 HOURS MUSIC TECHNIQUE
MUSC-2512 Diction I: English and Italian
MUSC-2522 Diction II: French and German
MUSC-3452 Vocal Pedagogy
MUSC-4212 Choral Conducting I
MUSC-4222 Choral Conducting II

1 HOUR PIANO

8 HOURS VOICE

4 HOURS MUSIC ENSEMBLE (1300-1400 LEVEL COURSES)

1 HOUR CAPSTONE PROJECT OR RECITAL
MUSC-4001 Senior Recital
or
MUSC-4011 Senior Project

23 HOURS PROFESSIONAL EDUCATION
EDUC-3121 Orientation to Teacher Education
EDUC-3122 The School in American Culture
EDUC-3213 Learning, Instruction and Assessment
EDUC-3723 Education of the Exceptional Child
EDUC-4013 Human Relations and Behavior Management
EDUC-4131 Applied Instructional and Assessment Strategies
EDUC-4132 Critical Issues in Education
EDUC-4818 Student Teaching in the Elementary and Secondary Schools

3 HOURS OF PSYCHOLOGY, used in core
PSYC-3523 Developmental Psychology, used in core

4 HOURS MUSIC METHODS
EDUC-4422 Elementary Music Methods
EDUC-4442 Secondary Vocal Music Methods

FOREIGN LANGUAGE COMPETENCY
Choose One:
High School Foreign Language – 2 years of same language with a grade of "C" or better

University credit – 3 hours foreign language or American Sign Language with a grade of "C" or better.

UNIVERSITY CORE CURRICULUM: B.M.E. - 55 HOURS - COURSES MAY NOT BE REPEATED WITHIN CORE

COMMUNICATION, 9 HOURS
ENGL-1113 English Composition I
ENGL-1213 English Composition II
COMM-1213 Oral Communication

MATHEMATICS, 3 HOURS
MATH-1143 Elements of Math

REQUIRED BIBLE, 8 HOURS
BIBL-1112 The Christian Scholar
BIBL-1312 Life of the Early Church: Acts
BIBL-2202 Story of the Old Testament
BIBL-2302 Story of the New Testament

BIBLE ELECTIVE, 5 HOURS
5 hours of Bible courses, except Missions Experience

CAPSTONE, 3 HOURS
BIBL-4523 Capstone: Christ and His World

POLITICAL SCIENCE, 3 HOURS
POLS-2113 Introduction to American Politics

AMERICAN HISTORY, 3 HOURS
HIST-1223 Turning Points in U.S. History

GREAT WORKS, 3 HOURS
used in the major
MUSC-3323 Music History I: Ancient Music Thru the Renaissance
MUSC-3333 Baroque and Classical Music
MUSC-3343 Music History III: Romantic and Contemporary Music

SCIENCE, 6 HOURS

BEHAVIORAL SCIENCE, 6 HOURS
used in the major
PSYC-1113 General Psychology I
PSYC-3523 Development Psychology,

GREAT WORKS, ADDITIONAL, 3 HOURS
ARTS-2013 Intro to Visual Arts
COMM-2023 History of Theater 1
COMM-2033 History of Theater 2
ENGL-2213 Perspectives in Literature

NON-WESTERN CIVILIZATION, 3 HOURS
MUSC-3213 Perspectives in World Music

*For more information on how to apply the study abroad trips to the core curriculum see page # 25

DEPARTMENT OF
NURSING

AREAS OF STUDY
Nursing (NURS)

DEGREES OFFERED
B.S.N. Degree in Nursing

FACULTY
Kay Elder, M.S.N., Assistant Professor of Nursing
Shawna Hood, M.S.N., Assistant Professor of Nursing
Becky O'Neal, M.S.N., Assistant Professor of Nursing
Beth Scott, M.S.N., Assistant Professor of Nursing

LOCATION
Nursing Administration Building
Vose Hall

DEAN
David Lowry, Ph.D., Dean of the College of Arts and Sciences, Professor of Communication

Dean's Office
Mabee Learning Center, 2nd floor, Room 229

ADMISSION TO THE NURSING PROGRAM
In addition to meeting the criteria for admission to OC, you must meet the following requirements:
- A minimum GPA of 2.90
- Three letters of recommendation
- Achievement testing 77% required score
- Federal background check and drug screening
- TOEFL score of 500+ for international students
- Required Immunizations

Students who have been convicted of a crime, other than a minor traffic violation, could be ineligible for admission to the university or for licensure in the state of Oklahoma. Contact the nursing office for further information.

TRANSFER STUDENTS
Students transferring from other colleges and universities are accepted on a competitive basis. A conference with the Office of the Registrar and the Nursing Department is required. An individual curriculum plan will be developed for transfer students.
See the Nursing Handbook for a complete description of requirements, fees, and information on advanced placement.

**After admittance into the nursing program, a student must maintain a cumulative 2.90 GPA and a 2.90 major GPA. For more information refer to the Nursing Student Handbook on Nursing Central.

Graduation with a BSN in Nursing does not guarantee licensure. Students must pass the NCLEX-RN to earn license.

B.S.N. DEGREE IN NURSING
92 HOURS

An OC graduate with a Bachelor of Science degree in Nursing will:

1. Exemplify Christian principles of compassion, service, integrity and respect for the well-being of clients, peers and self.
2. Synthesize critical thinking skills for professional nursing practice.
3. Communicate clearly, effectively, and appropriately with clients and other health care providers to promote positive client outcomes.
4. Provide appropriate and safe nursing care (clinically competent) to clients.
5. Demonstrate a leadership style consistent with academic preparation while adhering to the standards of the nursing profession.

Provide nursing care based on knowledge and appreciation of unique cultural variations.

Student must complete a minimum of 126 hours including the major, core, and minor if required. Elective hours may be needed to reach 126 hours.

20 HOURS SCIENCE

BIOL-2013	General Biology I
BIOL-2033	Nutrition
BIOL-2523	Anatomy and Physiology I
BIOL-2623	Anatomy and Physiology II
BIOL-2624	Principles of Microbiology
CHEM-1104	Introduction to Chemistry I

6 HOURS MATHEMATICS

MATH-1213	College Algebra
MATH-2913	Statistical Methods

6 HOURS PSYCHOLOGY

PSYC-1113	General Psychology
PSYC-3523	Developmental Psychology

60 HOURS NURSING

NURS-1011	Introduction to Nursing
NURS-2003	Health Assessment
NURS-2013	Fundamentals of Nursing
NURS-2033	Pharmacology
NURS-3013	Pathophysiology
NURS-3014	Mental Health Nursing
NURS-3015	Adult Nursing I
NURS-3024	Maternal-Infant Nursing
NURS-3025	Adult Nursing II
NURS-3034	Health Care Missions and Christian Service
NURS-4005	Community Health Nursing
NURS-4011	Capstone in Nursing
NURS-4015	Child and Family Health Nursing
NURS-4022	Issues and Trends in Nursing
NURS-4024	Leadership and Management in Nursing
NURS-4025	Adult Nursing III
NURS-4033	Nursing Research

**After admittance into the nursing program, a student must maintain a cumulative 2.90 GPA and a 2.90 major GPA. For more information refer to the Nursing Student Handbook on Nursing Central.

Graduation with a B.S.N. degree in Nursing does not guarantee licensure. Students must pass the NCLEX-RN to earn license.

UNIVERSITY CORE CURRICULUM:
B.S.N. - 55 HOURS - COURSES MAY NOT BE REPEATED WITHIN CORE

COMMUNICATION, 9 HOURS

ENGL-1113	English Composition I
ENGL-1213	English Composition II
COMM-1213	Oral Communication

MATHEMATICS, 3 HOURS
used in the major

MATH-1213	College Algebra

REQUIRED BIBLE, 8 HOURS

BIBL-1112	The Christian Scholar
BIBL-1312	Life of the Early Church: Acts
BIBL-2202	Story of the Old Testament
BIBL-2302	Story of the New Testament

BIBLE ELECTIVE, 5 HOURS
5 hours of Bible courses, except Missions Experience

CAPSTONE, 3 HOURS

BIBL-4523	Capstone: Christ and His World

POLITICAL SCIENCE, 3 HOURS

POLS-2113	Introduction to American Politics

AMERICAN HISTORY, 3 HOURS

HIST-1223	Turning Points in U.S. History

GREAT WORKS, 3 HOURS
should include literature

ARTS-2013	Survey of Visual Culture
ARTS-2423	History of Photography & Motion Pictures
COMM-2023	History of Theater I
COMM-2033	History of Theater II
ENGL-2213	Perspectives in Literature
MUSC-2013	Music Appreciation
MUSC-3213	Perspectives in World Music

SCIENCE, 6 HOURS
used in the major

BEHAVIORAL SCIENCE, 3 HOURS
used in the major

PSYC-1113	General Psychology I

ANATOMY & PHYSIOLOGY
used in the major

BIOL-2523	Anatomy and Physiology I

STATISTICAL METHODS, 3 HOURS
used in the major

MATH-2913	Statistical Methods

DEVELOPMENTAL PSYCHOLOGY
used in the major

PSYC-3523	Developmental Psychology

*For more information on how to apply the study abroad trips to the core curriculum see page # 25

DEPARTMENT OF
PSYCHOLOGY & FAMILY STUDIES

AREAS OF STUDY
Family Studies (FMST)
Psychology (PSYC)
Sociology (SOCI)

DEGREES OFFERED
B.S. Degree in Family Studies
B.S. Degree in Family Studies/Child Development
B.A. Degree in Psychology
B.S. Degree in Psychology

MINORS
Child Development
Family Studies
Psychology

FACULTY
Ryan Newell, Ph.D., Department Chair, Professor of Psychology
Bobby L. Kern, Ph.D., Assistant Professor of Psychology & Family Studies
Sada Knowles, M.S., Ph.D. candidate, Instructor of Psychology & Family Studies
Tina Winn, Ed.D., Associate Professor of Psychology

LOCATION
Davisson American Heritage Building

DEAN
David Lowry, Ph.D., Dean of the College of Arts and Sciences, Professor of Communication

Dean's Office
Mabee Learning Center, 2nd floor, Room 229

B.S. DEGREE IN FAMILY STUDIES
57 HOURS

The B.S. Degree in Family Studies is a pre-professional degree that emphasizes preparation for graduate school. Students who wish to pursue advanced degrees, either the master's or doctorate, are encouraged to pursue this degree rather than the B.S. Degree in Family Studies/Child Development. With the growth of marriage and family graduate school programs and the increasing influence of systems theory in psychology, the need to prepare students for study as marriage and family counselors is increasing.

An OC graduate with a Bachelor of Science degree in Family Studies will:
1. Demonstrate knowledge of the dynamic nature of the family and of the conceptual framework on which current family relations theories are based.
2. Exhibit professional development in the research field by presenting an experimental research project at a state level conference.
3. Demonstrate a knowledge of various cultures and family structure types in our society.
4. Demonstrate knowledge of career opportunities applicable to Family Studies majors on the bachelor and graduate degree levels.
5. Have GRE scores adequate for admission to most regional universities.
6. Gain admission to a graduate school commensurate to GPA and GRE scores.
7. Demonstrate spiritual development and service to the church.
8. Develop an international perspective that encourages appreciation of individual differences.

Student must complete a minimum of 126 hours including the major, core, and minor if required. Elective hours may be needed to reach 126 hours.

24 HOURS FAMILY STUDIES

FMST-1113	Introduction to Family Studies
FMST-2423	Parent-Child Relations
FMST-3523	Human Sexuality
FMST-3933	Cybernetics and Systems Theory
FMST-4123	Divorce and Stepfamily Relationships
FMST-4323	Introduction to Marital and Family Therapy
FMST-4653	Research Seminar, must be passed with a grade of C or better
FMST-4713	Family Studies Practicum

3 HOURS CHOSEN FROM

FMST-3723	Gerontology
PSYC-3523	Developmental Psychology

3 HOURS CHOSEN FROM

FMST-3613	Adolescence and Early Adulthood
FMST-3913	Family Development

6 HOURS FAMILY STUDIES ELECTIVES

15 HOURS PSYCHOLOGY

PSYC-1113	General Psychology I
PSYC-2413	Introductory Statistics
PSYC-3213	Advanced Psychological Statistics
PSYC-3313	Abnormal Psychology
PSYC-4623	Experimental Psychology

6 HOURS PSYCHOLOGY ELECTIVES

All students completing this degree will be required to take the GRE general test the semester prior to graduating (example: if you plan to graduate in the spring, the test must be taken during the fall semester) and have one copy of the scores sent to OC. The cost of this exam will be the student's responsibility.

Note: As of May 2012, the cost for the GRE was $160.

UNIVERSITY CORE CURRICULUM:
B.S. - 55 HOURS - COURSES MAY NOT BE REPEATED WITHIN CORE

COMMUNICATION, 9 HOURS

ENGL-1113	English Composition I
ENGL-1213	English Composition II
COMM-1213	Oral Communication

MATHEMATICS, 3 HOURS
appropriate to Major

REQUIRED BIBLE, 8 HOURS

BIBL-1112	The Christian Scholar
BIBL-1312	Life of the Early Church: Acts
BIBL-2202	Story of the Old Testament
BIBL-2302	Story of the New Testament

BIBLE ELECTIVE, 5 HOURS
5 hours of Bible courses, except Missions Experience

CAPSTONE, 3 HOURS

BIBL-4523	Capstone: Christ and His World

POLITICAL SCIENCE, 3 HOURS

POLS-2113	Introduction to American Politics

AMERICAN HISTORY, 3 HOURS

HIST-1223	Turning Points in U.S. History

GREAT WORKS, 3 HOURS
should include literature

ARTS-2013	Survey of Visual Culture
ARTS-2423	History of Photography & Motion Pictures
COMM-2023	History of Theater I
COMM-2033	History of Theater II
ENGL-2213	Perspectives in Literature
MUSC-2013	Music Appreciation
MUSC-3213	Perspectives in World Music

SCIENCE, 6 HOURS

CHOOSE 4 OF THE FOLLOWING 5 AREAS:

BEHAVIORAL SCIENCE, 3 HOURS

PSYC-1113	General Psychology I

GREAT WORKS, ADDITIONAL, 3 HOURS
choose 3 hours from list to the left

WESTERN CIVILIZATION, 3 HOURS

HIST-2923	Perspectives in Western Civilization

NON-WESTERN CIVILIZATION, 3 HOURS

GEOG-2213	World Regional Geography
HIST-2613	The Modern Middle East
MISS-3513	World Religions
MISS-3613	Cultural Anthropology
MISS-3673	New Religious Movements
MUSC-3213	Perspectives in World Music

LIBERAL ARTS 3 HOURS
3 hours from any Liberal Arts area outside the major.

*For more information on how to apply the study abroad trips to the core curriculum see page # 25

B.S. DEGREE IN FAMILY STUDIES/CHILD DEVELOPMENT
48 HOURS, MINOR REQUIRED

This degree has as its emphasis a strong general education in the field of Family Studies/Child Development and provides students with a broad, general approach to the study of the family. This degree is primarily intended for those students who do not wish to pursue graduate school.

An OC graduate with a Bachelor of Arts degree in Family Studies/Child Development will:
1. Demonstrate knowledge of the dynamic nature of the family and of the conceptual framework on which current family relations theories are based.
2. Gain approval as a Certified Family Life Educator (CFLE).
3. Demonstrate a knowledge of various cultures and family structure types in our society.
4. Demonstrate knowledge of career opportunities applicable to Family Studies majors on the bachelor's level.
5. Demonstrate spiritual development and service to the church.
6. Develop an international perspective that encourages tolerance and appreciation of individual differences.

Student must complete a minimum of 126 hours including the major, core, and minor if required. Elective hours may be needed to reach 126 hours. Elective hours

30 HOURS FAMILY STUDIES

BIBL-3453	Personal and Family Finance
COMM-3353	Interpersonal Communication
FMST-1113	Introduction to Family Studies
FMST-2423	Parent-Child Relations
FMST-3513	Child Welfare
FMST-3523	Human Sexuality
FMST-3533	Family Life Education
FMST-4123	Divorce and Stepfamily Relationships
FMST-4713	Family Studies Practicum
FMST-4733	Professional, Ethical and Legal Issues

6 HOURS FAMILY STUDIES ELECTIVES

12 HOURS IN CHILD DEVELOPMENT CHOSEN FROM

CHDV-3013	Nature and Characteristics of the Preschool and Primary Age Child
CHDV-4023	Topics in Early Childhood
FMST-3613	Adolescence and Early Adulthood
FMST-3723	Gerontology
FMST-3913	Family Development
PSYC-3523	Developmental Psychology

A MINOR IN PSYCHOLOGY IS HIGHLY RECOMMENDED.

UNIVERSITY CORE CURRICULUM:
B.S. - 55 HOURS - COURSES MAY NOT BE REPEATED WITHIN CORE

COMMUNICATION, 9 HOURS

ENGL-1113	English Composition I
ENGL-1213	English Composition II
COMM-1213	Oral Communication

MATHEMATICS, 3 HOURS
appropriate to Major

REQUIRED BIBLE, 8 HOURS

BIBL-1112	The Christian Scholar
BIBL-1312	Life of the Early Church: Acts
BIBL-2202	Story of the Old Testament
BIBL-2302	Story of the New Testament

BIBLE ELECTIVE, 5 HOURS
5 hours of Bible courses, except Missions Experience

CAPSTONE, 3 HOURS

BIBL-4523	Capstone: Christ and His World

POLITICAL SCIENCE, 3 HOURS

POLS-2113	Introduction to American Politics

AMERICAN HISTORY, 3 HOURS

HIST-1223	Turning Points in U.S. History

GREAT WORKS, 3 HOURS
should include literature

ARTS-2013	Survey of Visual Culture
ARTS-2423	History of Photography & Motion Pictures
COMM-2023	History of Theater I
COMM-2033	History of Theater II
ENGL-2213	Perspectives in Literature
MUSC-2013	Music Appreciation
MUSC-3213	Perspectives in World Music

SCIENCE, 6 HOURS

CHOOSE 4 OF THE FOLLOWING 5 AREAS:

BEHAVIORAL SCIENCE, 3 HOURS

PSYC-1113	General Psychology I

GREAT WORKS, ADDITIONAL, 3 HOURS
choose 3 hours from list to the left

WESTERN CIVILIZATION, 3 HOURS

HIST-2923	Perspectives in Western Civilization

NON-WESTERN CIVILIZATION, 3 HOURS

GEOG-2213	World Regional Geography
HIST-2613	The Modern Middle East
MISS-3513	World Religions
MISS-3613	Cultural Anthropology
MISS-3673	New Religious Movements
MUSC-3213	Perspectives in World Music

LIBERAL ARTS 3 HOURS
3 hours from any Liberal Arts area outside the major.

*For more information on how to apply the study abroad trips to the core curriculum see page # 25

B.A. DEGREE IN PSYCHOLOGY
43 HOURS, MINOR REQUIRED, PLUS 6 HOURS OF SAME FOREIGN LANGUAGE

The B.A. Degree in Psychology emphasizes a strong general education in the field of psychology for students who may not want to go on for graduate work. The department recognizes that graduate school is not for everyone and also recognizes the value of having a general liberal arts degree. Enough preparatory classes are required in the B.A. degree that if a student later decides to seek admission into a graduate school, only a small number of leveling courses will typically be required.

An OC graduate with a Bachelor of Arts degree in Psychology will:
1. Demonstrate familiarity with the vocabulary of the systems of psychology.
2. Develop basic literature review skills and writing skills necessary to gain admission into graduate school.
3. Become involved in some form of community service.
4. Have GRE scores adequate for admission to most regional universities.
5. Demonstrate spiritual development and service to the church.

Student must complete a minimum of 126 hours including the major, core, and minor if required. Elective hours may be needed to reach 126 hours.

28 HOURS PSYCHOLOGY

PSYC-1113	General Psychology I
PSYC-1211	Introductory Seminar in Psychology
PSYC-2223	General Psychology II
PSYC-2413	Introductory Psychological Statistics
PSYC-3313	Abnormal Psychology
PSYC-3413	Social Psychology
PSYC-3713	Personality
PSYC-4413	Biological Psychology
PSYC-4623	Experimental Psychology
PSYC-4713	History and Systems in Psychology

3 HOURS CHOSEN FROM

PSYC-3523	Developmental Psychology
PSYC-3543	Adult Development and Aging

12 HOURS PSYCHOLOGY ELECTIVE

6 HOURS, SAME FOREIGN LANGUAGE

Note: MATH-1213 College Algebra in the core curriculum is strongly recommended.

UNIVERSITY CORE CURRICULUM:
B.A. - 55 HOURS - COURSES MAY NOT BE REPEATED WITHIN CORE

COMMUNICATION, 9 HOURS

ENGL-1113	English Composition I
ENGL-1213	English Composition II
COMM-1213	Oral Communication

MATHEMATICS, 3 HOURS
Appropriate to major

REQUIRED BIBLE, 8 HOURS

BIBL-1112	The Christian Scholar
BIBL-1312	Life of the Early Church: Acts
BIBL-2202	Story of the Old Testament
BIBL-2302	Story of the New Testament

BIBLE ELECTIVE, 5 HOURS
5 hours of Bible courses, except Missions Experience

CAPSTONE, 3 HOURS,

BIBL-4523	Capstone: Christ and His World

POLITICAL SCIENCE, 3 HOURS

POLS-2113	Introduction to American Politics

AMERICAN HISTORY, 3 HOURS

HIST-1223	Turning Points in U.S. History

GREAT WORKS, ADDITIONAL, 6 HOURS
should include literature

ARTS-2013	Survey of Visual Culture
ARTS-2423	History of Photography & Motion Pictures
COMM-2023	History of Theater I
COMM-2033	History of Theater II
ENGL-2213	Perspectives in Literature
MUSC-2013	Music Appreciation
MUSC-3213	Perspectives in World Music

SCIENCE, 6 HOURS

BEHAVIORAL SCIENCE, 3 HOURS

PSYC-1113	General Psychology I

WESTERN CIVILIZATION, 3 HOURS

HIST-2923	Perspectives in Western Civilization

NON-WESTERN CIVILIZATION, 3 HOURS

GEOG-2213	World Regional Geography
HIST-2613	The Modern Middle East
MISS-3513	World Religions
MISS-3673	New Religious Movements
MISS-3613	Cultural Anthropology
MUSC-3213	Perspectives in World Music

*For more information on how to apply the study abroad trips to the core curriculum see page # 25

B.S. DEGREE IN PSYCHOLOGY
58 HOURS

The B.S. Degree is a pre-professional degree that emphasizes preparation for graduate school. Students who wish to pursue master's or doctorate degrees are encouraged to pursue the B.S. degree.

An OC graduate with Bachelor of Science degree in Psychology will:
1. Demonstrate analytical and critical thinking through completion of a research project and presenting that project at a state or regional conference.
2. Develop skills in writing in scientific psychology.
3. Gain admission to graduate school commensurate to GPA and GRE scores.
4. Demonstrate familiarity with the vocabulary of the systems of psychology.
5. Demonstrate spiritual development and service to the church.
6. Become involved in some form of community service.

Student must complete a minimum of 126 hours including the major, core, and minor if required. Elective hours may be needed to reach 126 hours.

34 HOURS REQUIRED PSYCHOLOGY

PSYC-1113	General Psychology I
PSYC-1211	Introductory Seminar in Psychology
PSYC-2413	Introductory Psychological Statistics
PSYC-3213	Advanced Psychological Statistics
PSYC-3313	Abnormal Psychology
PSYC-3413	Social Psychology
PSYC-3713	Personality
PSYC-4213	Psychology of Learning
PSYC-4413	Biological Psychology
PSYC-4623	Experimental Psychology
PSYC-4653	Research Seminar
PSYC-4713	History and Systems in Psychology

3 HOURS CHOSEN FROM

PSYC-3523	Developmental Psychology
PSYC-3723	Adult Development and Aging

18 HOURS PSYCHOLOGY ELECTIVES

3 HOURS MATHEMATICS

MATH-1213	College Algebra

All students completing this degree will be required to take the GRE general test the semester prior to graduating (example: if you plan to graduate in the spring then the test must be taken during the fall semester) and have one copy of the scores sent to OC. The cost of this exam will be the student's responsibility.

Note: As of May 2013, the cost for the GRE was $185.

UNIVERSITY CORE CURRICULUM:
B.S. - 55 HOURS - COURSES MAY NOT BE REPEATED WITHIN CORE

COMMUNICATION, 9 HOURS

ENGL-1113	English Composition I
ENGL-1213	English Composition II
COMM-1213	Oral Communication

MATHEMATICS, 3 HOURS
appropriate to Major

REQUIRED BIBLE, 8 HOURS

BIBL-1112	The Christian Scholar
BIBL-1312	Life of the Early Church: Acts
BIBL-2202	Story of the Old Testament
BIBL-2302	Story of the New Testament

BIBLE ELECTIVE, 5 HOURS
5 hours of Bible courses, except Missions Experience

CAPSTONE, 3 HOURS

BIBL-4523	Capstone: Christ and His World

POLITICAL SCIENCE, 3 HOURS

POLS-2113	Introduction to American Politics

AMERICAN HISTORY, 3 HOURS

HIST-1223	Turning Points in U.S. History

GREAT WORKS, 3 HOURS
should include literature

ARTS-2013	Survey of Visual Culture
ARTS-2423	History of Photography & Motion Pictures
COMM-2023	History of Theater I
COMM-2033	History of Theater II
ENGL-2213	Perspectives in Literature
MUSC-2013	Music Appreciation
MUSC-3213	Perspectives in World Music

SCIENCE, 6 HOURS

CHOOSE 4 OF THE FOLLOWING 5 AREAS:

BEHAVIORAL SCIENCE, 3 HOURS

PSYC-1113	General Psychology I

GREAT WORKS, ADDITIONAL, 3 HOURS
choose 3 hours from list to the left

WESTERN CIVILIZATION, 3 HOURS

HIST-2923	Perspectives in Western Civilization

NON-WESTERN CIVILIZATION, 3 HOURS

GEOG-2213	World Regional Geography
HIST-2613	The Modern Middle East
MISS-3513	World Religions
MISS-3613	Cultural Anthropology
MISS-3673	New Religious Movements
MUSC-3213	Perspectives in World Music

LIBERAL ARTS 3 HOURS
3 hours from any Liberal Arts area outside the major.

*For more information on how to apply the study abroad trips to the core curriculum see page # 25

MINOR REQUIREMENTS - COLLEGE OF ARTS & SCIENCES

ART & DESIGN

ART MINOR, 21 HOURS
15 HOURS REQUIRED

ARTS-1103	Foundations For Digital Visuals
ARTS-1113	Fundamentals of Drawing
ARTS-1213	Figure Drawing
ARTS-1413	Elements of Visual Thinking
ARTS-3113	Printmaking

3 HOURS CHOSEN FROM

ARTS-2513	Painting I
ARTS-3523	Illustration I

3 HOURS ART HISTORY REQUIRED

ARTS-3343	Ancient to Modern Art History
ARTS-3353	Contemporary Art

COMMUNICATION DESIGN MINOR, 21 HOURS

ARTS-1103	Technology for Graphics
ARTS-1413	Elements of Visual Thinking
ARTS-2223	Introduction to Communication Design
ARTS-2233	Type as Visual Language
ARTS-2323	Digital Design for Print
ARTS-3243	Graphic Design
ARTS-3263	Advanced Graphic Design

Note: For B.S.E. candidates seeking a teaching minor in art, the addition of
ARTS-2013 Introduction to the Visual Arts
Which fulfills the fine arts appreciation requirement in the core curriculum, will allow this minor to meet the Oklahoma Provisional Level 1 course requirements.

INTERIOR DESIGN MINOR, 18 HOURS
15 HOURS REQUIRED

ARTS-1623	Introduction to Interior Design
ARTS-1643	Interior Textiles, Materials and Finishes
ARTS-1653	Computer Aided Design
ARTS-2623	Residential Interior Design
ARTS-2663	Architectural Graphics for Interior Design

3 HOURS DESIGN HISTORY CHOSEN FROM

ARTS-3533	Historic Interior Design, Antiquity to 1850
ARTS-3633	Contemporary Interior Design, 1850 to present

PHOTOGRAPHY + VIDEO MINOR, 21 HOURS
18 HOURS REQUIRED

ARTS-1103	Technology for Graphics
ARTS-1413	Elements of Visual Thinking
ARTS-2403	Digital Photography
ARTS-3363	Photography I
ARTS-3373	Photography II
ARTS-3383	Motion Imagery

3 HOURS CHOSEN FROM

ARTS 4333	Commercial Studio Photography
COMM-2643	Media Production

BIOLOGY

BIOLOGY MINOR, 18 HOURS
18 HOURS OF BIOLOGICAL SCIENCES

CHEMISTRY AND PHYSICS

CHEMISTRY MINOR, 18 HOURS
18 HOURS OF CHEMISTRY
Including at least six hours numbered 3000 or above.

PHYSICAL SCIENCES MINOR, 18 HOURS
18 HOURS OF PHYSICAL SCIENCE
Including any combination of chemistry, general science, and physics. Including at least six hours numbered 3000 or above.

COMMUNICATION

COMMUNICATION STUDIES MINOR, 18 HOURS
18 HOURS SPEECH COMMUNICATION
Including at least six hours numbered 3000 or above
Not more than 3 hours of 1300 level courses may count toward the minor. May not include COMM-1213.

INTERACTIVE MEDIA MINOR, 19 HOURS

ARTS-1103	Technology for Graphics
ARTS-2243	Interactive Media Design I
COMM-1211	Introduction to Electronic Media
COMM-2643	Media Production
COMM-3143	Basics of Visual Communication Design
COMM-3633	Audio for Media
COMM-3703	Motion Graphics

MASS COMMUNICATION MINOR, 18 HOURS
6 HOURS COMMUNICATION

COMM-2113	Writing Across Media
COMM-2613	Media, Faith, and Culture

12 HOURS IN A FOCUSED AREA
journalism, public relations or electronic media to be worked out with the appropriate advisor.

MEDIA PRODUCTION MINOR,18 HOURS
13 HOURS REQUIRED

COMM-1211	Introduction to Electronic Media
COMM-3343	Campaigns
COMM-3633	Audio for Media
COMM-3733	Media Marketing and Sales
COMM 4513	Administrative Aspects of Electronic Media

2 HOURS WORKSHOP/INTERNSHIP
2 additional hours of workshop or internship or an advanced production course

3 HOURS CHOSEN FROM

ACCT-2113	Accounting Principles I
ECON-2113	Macroeconomics

ORGANIZATIONAL COMMUNICATION MINOR, 18 HOURS
9 HOURS

COMM-3113	Business and Professional Communication
COMM-3323	Organizational Communication
COMM-3333	Teams and Team Leadership

9 HOURS CHOSEN FROM

COMM-2113	Writing Across Media
COMM-3723	Interviewing
COMM-4113	Persuasion and Advocacy
MGMT-3113	Principles of Management

MINOR REQUIREMENTS - COLLEGE OF ARTS & SCIENCES

THEATER PERFORMANCE MINOR, 18 HOURS
3 HOURS REQUIRED

COMM-1411	Introduction to Play Production
COMM-1412	Movement and Choreography for the Stage

3 HOURS ACTING CHOSEN FROM

COMM-2313	Acting I
COMM-3203	Acting Styles

3 HOURS CHOSEN FROM

COMM-3213	Stage Directing
COMM-4213	Performance Conventions

9 HOURS CHOSEN FROM

COMM-2023	History of Theater I
COMM-2033	History of Theater II
COMM-2213	Voice and Articulation
COMM-2223	Stagecraft for Theater and Television
COMM-3123	Oral Interpretation
COMM-3223	Theater Design
COMM-4103	Modern Drama
COMM-4813	Religious and Supernatural Drama

DRAMA MINISTRY MINOR, 18 HOURS
2 HOURS REQUIRED

YTMN-4122	Media. Culture, and Adolescents

Students required to complete this course for a major must select another upper division text-based Bible (BIBL) course.

1 HOUR CHOSEN FROM

COMM-4831	Communication Practicum
COMM-4901	Independent Study in Communication

6 HOURS THEATER

6 hours from Communication Department as approved by advisor.

3 HOURS BIBLE CHOSEN FROM

BIBL-2203	Biblical Exegesis
BIBL-3013	Hermeneutics

6 HOURS BIBLE CHOSEN FROM

BIBL-3002	Genesis to Exodus
BIBL-3102	I Corinthians
BIBL-3223	The Pentateuch
BIBL-3213	Galatians, I and II Thessalonians
BIBL-3512	Prison Epistles
BIBL-3613	Job to Song of Solomon
BIBL-3712	Hebrews

DRAMATURGY MINOR,18 HOURS
6 HOURS CHOSEN FROM

ENGL-4103	Modern Drama
ENGL-4213	Studies in Shakespeare
COMM-4813	Special Studies: Dramatic Literature

6 HOURS FROM COMMUNICATION DEPARTMENT AS APPROVED BY ADVISOR.

6 HOURS ENGLISH CHOSEN FROM

ENGL-3013	Literary Criticism
ENGL-3123	World Literature 1: Classical to Renaissance
ENGL-3133	World Literature II: Renaissance to Modern
ENGL-3153	English Literature Survey I
ENGL-3253	English Literature Survey II
ENGL-3523	Creative Writing I

HISTORY AND POLITICAL SCIENCE

HISTORY MINOR, 18 HOURS
18 HOURS HISTORY

Including at least 9 hours numbered 3000 or above.

POLITICAL SCIENCE MINOR, 18 HOURS
3 HOURS REQUIRED

POLS-2113	Introduction to American Politics

6 ADDITIONAL HOURS POLITICAL SCIENCE

9 HOURS OF 3000/4000 LEVEL POLITICAL SCIENCE

SOCIAL SCIENCE MINOR,18 HOURS
18 HOURS CHOSEN FROM

Any combination of economics, sociology, geography, history, and political science under one of two plans:

TWO OF THE ABOVE AREAS WITH 9 HOURS EACH.

or

THREE AREAS WITH 6 HOURS EACH.

INCLUDING AT LEAST 9 HOURS NUMBERED 3000 OR ABOVE.

INTERDISCIPLINARY STUDIES

FOREIGN STUDIES MINOR, 18 HOURS
TAKE 18 HOURS INCLUDING 9 HOURS OF 3000, 4000 LEVEL COURSES

The Student must participate in an approved Oklahoma Christian study abroad program. Contact Office of International Programs for a list of approved programs.

or

6 HOURS OF THE SAME FOREIGN LANGUAGE

and

12 HOURS CHOSEN FROM APPROVED COURSES

List of approved courses is available in the International Office.

MILITARY SCIENCE MINOR, 18 HOURS
18 HOURS MILITARY SCIENCE

Including at least 9 hours numbered 3000 or above.
All Military Science classes will be taken at University of Central Oklahoma or University of Oklahoma.

PERFORMING ARTS MANAGEMENT MINOR, 18 HOURS
12 HOURS CORE

COMM-2833	Public Relations Principles
MGMT-3133	Principles of Management
ENGL-3493	Technical Writing
MKTG-3513	Principles of Marketing

6 HOURS ELECTIVES CHOSEN FROM

COMM-3113	Business and Professional Communication
COMM-3543	Public Relations Case Studies
MGMT-3323	Entrepreneurship and Small Business Management
MGMT-3533	Issues in Management
MKTG-3413	Consumer Behavior
MKTG-4313	Promotional Strategies

MINOR REQUIREMENTS - COLLEGE OF ARTS & SCIENCES

LANGUAGE AND LITERATURE

ENGLISH MINOR, 18 HOURS
18 HOURS OF ENGLISH
Including at least 9 hours numbered 3000 or above.

SPANISH MINOR, 18 HOURS
18 HOURS OF SPANISH
Including at least 9 hours numbered 3000 or above.

TEFL MINOR, 18 HOURS
15 HOURS

ENGL-3313	Introduction to Linguistics
ENGL-3713	Structure of the English Language
ENGL-4633	Intercultural Communication I
ENGL-4713	Methods of TEFL
ENGL-4863	TEFL Student Teaching Practicum

3 HOURS CHOSEN FROM

ENGL-1331	TEFL Experience I
ENGL-2332	TEFL Experience II
ENGL-3453	Technical Writing
HIST-3133	Latin American Peoples
HIST-3143	Civilizations of the Pacific Rim
SOCI-3513	World Religions
SOCI-3613	Cultural Anthropology

WRITING MINOR, 18 HOURS
9 HOURS REQUIRED

ENGL-3013	Literary Criticism
ENGL-3493	Technical Writing
ENGL-3813	Individualized Writing

9 HOURS CHOSEN FROM

COMM-2113	Media Writing
COMM-3523	Reporting and Editing the News
COMM-3823	Feature Writing
ENGL-3313	Introduction to Linguistics
ENGL-3523	Creative Writing I
ENGL-3533	Creative Writing II
ENGL-3713	Structure of the English Language
ENGL-4851	Practicum in Writing/Research and Editing
ENGL-4852	Practicum in Writing/Research and Editing

MUSIC

MUSIC MINOR, 18 HOURS
8 HOURS BASIC MUSIC THEORY

MUSC-1023	Fundamentals of Music Theory
MUSC-1112	Music Theory I
MUSC-1211	Ear Training II
MUSC-1212	Music Theory II

3 HOURS MUSIC HISTORY CHOSEN FROM

MUSC-3323	Music History I, Ancient thru Renaissance
MUSC-3333	Music History II, Baroque thru Classical
MUSC-3343	Music History III, Romantic and Contemporary

5-7 HOURS ENSEMBLE PERFORMANCE AND APPLIED STUDY TO BE CHOSEN FROM
1300-1500 level courses, at least 2 hours must be applied instruction.

0-2 HOURS CLASS PIANO. THE FOLLOWING TWO COURSES MUST BE TAKEN UNLESS PIANO SKILLS FROM PRE-COLLEGE STUDY ARE DEEMED SUFFICIENT BY THE PIANO FACULTY.

MUSC-1581	Class Piano I
MUSC-1681	Class Piano II

MUST ENROLL IN MUSC-1000 AND EARN A GRADE OF C OR BETTER AT LEAST THREE SEMESTERS.

PSYCHOLOGY AND FAMILY STUDIES

CHILD DEVELOPMENT MINOR, 18 HOURS
18 HOURS CHOSEN FROM

CHDV-3013	Nature and Characteristics of the Preschool and Primary Age Child
CHDV-3023	Emergent Literacy
CHDV-4023	Topics in Early Childhood
EDUC-3723	Education of the Exceptional Child
FMST-2423	Parent-Child Relations
FMST-3313	The Family
FMST-3513	Child Welfare
PSYC-3523	Developmental Psychology

FAMILY STUDIES MINOR, 18 HOURS
18 HOURS CHOSEN FROM

FMST-1113	Introduction to Family Studies
FMST-2423	Parent-Child Relations
FMST-3313	The Family
FMST-2613	Human Sexuality
FMST-3723	Adult Development and Aging
FMST-3523	Family Development
FMST-4413	Family Crises and Treatment
PSYC-3523	Developmental Psychology

PSYCHOLOGY MINOR, 18 HOURS
6 HOURS REQUIRED

PSYC-1113	General Psychology I
PSYC-2223	General Psychology II

and

12 ADDITIONAL HOURS PSYCHOLOGY TO BE DETERMINED BY THE STUDENT'S GOALS WITH THE APPROVAL OF THE DEPARTMENT.

COLLEGE OF PROFESSIONAL STUDIES

SCHOOL OF BUSINESS ADMINISTRATION

Department of Accounting and Finance
Department of Management and Marketing

SCHOOL OF EDUCATION

Department of Teacher Education
Department of Physical Education

SCHOOL OF ENGINEERING

Department of Mathematical, Computer, and Information Science
Department of Computer and Electrical Engineering
Department of Mechanical Engineering

SCHOOL OF BUSINESS ADMINISTRATION

Department of Accounting and Finance
Department of Management and Marketing

This is an exciting time to be at Oklahoma Christian University. There seem to be no boundaries to knowledge, innovation, and technology.

The College of Professional Studies is purposely people driven and focused on achieving excellence. This venture combines the Schools of Business Administration, Education, and Engineering. It incorporates the mission of OC and promotes the values of faith, scholarship, integrity, stewardship, and liberty.

The College of Professional Studies builds on existing strengths – exceptional faculty, integral real-world experience, strong relationships with alumni and the community, a highly technological format for work and study, a uniquely metropolitan area, and more. We maximize our strengths and opportunities and minimize weaknesses and threats. We provide rigorous academic learning opportunities for all students. We graduate leaders of integrity who have an exceptional work ethic and who contribute in significant ways to our community, state, nation, and world.

We are dedicated to character, leadership, innovation, and hard work. We provide a distinctly Christian education that truly enriches the lives of our graduates. We prepare educated problem solvers and equip them to lead in business, teacher education, engineering, mathematics, computer and information sciences. Our ultimate success is measured by the impact we have on internal and external constituents and the region. Our achievements are evidenced through the accomplishments of our graduates, the recognitions and professional accreditations given to our programs, the academic recognition of our faculty, and our commitment to facilitating a genuine learning environment. Upon graduation from OC and the School of Business Administration, students have received a general education in liberal arts, are grounded in the knowledge of business, and have encountered opportunities for integrating learning into a workable framework within the context of the Christian faith consistent with the Word of God.

GENERAL INFORMATION

Requirements for the B.B.A. degree can be divided into three categories:

UNIVERSITY CORE CURRICULUM REQUIREMENTS:

All B.B.A. students must satisfy all core curriculum requirements.

BUSINESS CORE REQUIREMENTS:

All B.B.A. students must complete the 46 hours of business core classes listed in the following section.

SPECIALIZED OR MINOR REQUIREMENTS:

Students majoring in Accounting, Finance, International Business, Management, and Marketing Management are required to complete specialized course work in those fields. Students majoring in General Business also must complete the requirements for a minor.

GRADE REQUIREMENTS

All required specialized courses in the accounting, accounting/finance, finance, international business, management, and marketing management majors must be completed with a grade of "C" or better.

To continue in the upper core, a student must not have more than 15 semester hours of "D" grades.

Accounting and Accounting/Finance majors are required to make a grade of "C" or better in ACCT-2113 and ACCT-2213.

Management majors are required to make a grade of "C" or better in MGMT-3113.

Marketing Management majors are required to make a grade of "C" or better in MKTG-3313.

Accounting/Finance and Finance majors are required to make a grade of "C" or better in FINC-3313.

International Business majors are required to make a grade of "C" or better in INTL-3313.

All students enrolling in BUSA-4513 and MGMT-4613 must be in their last year and eligible for graduation, with no more than 15 hours of "D" grades in their degree program.

DEPARTMENT OF
ACCOUNTING & FINANCE

AREAS OF STUDY
Accounting (ACCT)
Business Administration (BUSA)
Economics (ECON)
Finance (FINC)
Information Systems (INFO)
International Business (INTL)
Management (MGMT)
Marketing (MKTG)
Master of Business Administration (MBA)

DEGREES OFFERED
B.B.A. Degree in Accounting
B.B.A. Degree in Accounting/Finance
B.B.A. Degree in Finance
B.B.A. Degree in General Business

GRADUATE SCHOOL OF BUSINESS
M.B.A. Master of Business Administration Degree
For more information regarding graduate studies in the School of Business contact Mr. Charlie Walker (405) 425-5565 or email at charlie.walker@oc.edu.

MINORS
Accounting
Finance
General Business

FACULTY
Elaine D. Kelly, M.B.A., C.P.A., Department Chair of Accounting & Finance, Associate Professor of Accounting
Mickey Cowan, M.B.A., Professor of Accounting
Jody L. Jones, M.B.A., Ed.D. candidate, Assistant Professor of Business and Finance
Kenneth A. Miller, D.B.A., Associate Professor of Economics
Daniel Sorensen, M.B.A., D.B.A. candidate, Assistant Professor of Accounting

LOCATION
Harvey Business Center

DEAN
Phillip V. Lewis, Ed.D., Dean of the College of Professional Studies, Professor of Management

Dean's Office
Harvey Business Center, Room 101

B.B.A. DEGREE IN ACCOUNTING
70 HOURS

Students following this program are prepared for entry-level positions in public, private, or governmental accounting. Educational requirements to sit for the Certified Public Accountant (CPA) examination currently vary among states. All students sitting for the CPA exam in the State of Oklahoma are required to have 150 hours of college credit, including 36 hours of upper-level accounting courses. You may fulfill this requirement by enrolling in the MBA program during the last semester of your senior year or taking additional undergraduate hours.

An OC graduate with a Bachelor of Business Administration degree will demonstrate:
1. Written, oral, and technological communication skills that reflect logic, clarity, and kindness.
2. An ability to think analytically, logically, and creatively in order to utilize a variety of approaches to problem solving.
3. A heightened awareness of values, ethics, and service to others.
4. Knowledge of diversity, opportunity, and complexity within a global society.
5. An understanding of the importance of strategic decisions and their long-term impacts.
6. The development of skills basic to a chosen profession or field of study.
7. An understanding and appreciation of group dynamics and teamwork.
8. The ability to provide leadership for the organizations they choose for careers.

Student must complete a minimum of 126 hours including the major, core, and minor if required. Elective hours may be needed to reach 126 hours.

13 HOURS LOWER DIVISION

ACCT-2113	Accounting Principles I
ACCT-2213	Accounting Principles II
BUSA-1211	Introduction to Business
ECON-2113	Macroeconomic Principles
ECON-2213	Microeconomic Principles

18 HOURS UPPER DIVISION

BUSA-3213	Business Law
BUSA-3713	Business Ethics
FINC-3313	Principles of Finance
INTL-3313	International Business
MGMT-3113	Principles of Management
MKTG-3313	Principles of Marketing

3 HOURS CAPSTONE

MGMT-4613	Strategic Management

24 HOURS SPECIALIZED COURSES

ACCT-3113	Intermediate Accounting I
ACCT-3213	Intermediate Accounting II
ACCT-3313	Cost Accounting
ACCT-3413	Income Taxation
ACCT-3513	Advanced Federal Taxation
ACCT-4113	Advanced Accounting I
ACCT-4413	Auditing
ACCT-4513	Financial Accounting Statement Analysis

6 HOURS SPECIALIZED COURSES CHOSEN FROM

ACCT-3713	Accounting Information Systems
ACCT-4213	Advanced Accounting II
ACCT-4313	Advanced Cost Accounting
ACCT-4423	Ethics and Auditing Concepts

6 HOURS ELECTIVES CHOSEN FROM

INFO-3113	Principles of Electronic Business
INFO-3613	Management Information System
MGMT-3213	Operations Management

UNIVERSITY CORE CURRICULUM:
B.B.A. - 55 HOURS - COURSES MAY NOT BE REPEATED WITHIN CORE

COMMUNICATION, 9 HOURS

ENGL-1113	English Composition I
ENGL-1213	English Composition II
COMM-1213	Oral Communication

MATHEMATICS, 3 HOURS

MATH-1213	College Algebra

REQUIRED BIBLE, 8 HOURS

BIBL-1112	The Christian Scholar
BIBL-1312	Life of the Early Church: Acts
BIBL-2202	Story of the Old Testament
BIBL-2302	Story of the New Testament

BIBLE ELECTIVE, 5 HOURS
5 hours of Bible courses, except Missions Experience

CAPSTONE, 3 HOURS

BIBL-4523	Capstone: Christ and His World

POLITICAL SCIENCE, 3 HOURS

POLS-2113	Introduction to American Politics

AMERICAN HISTORY, 3 HOURS

HIST-1223	Turning Points in U.S. History

GREAT WORKS, 3 HOURS

ENGL-2213	Perspectives in Literature

SCIENCE, 6 HOURS

BEHAVIORAL SCIENCE, 3 HOURS

PSYC-1113	General Psychology I

BUSINESS COMMUNICATION, 3 HOURS

COMM-3113	Business and Professional Communication

STATISTICS 3 HOURS

MATH-2913	Statistics

LIBERAL ARTS, 3 HOURS
3 hours as approved by the department
Communication, English, Fine Arts, Foreign Language, History, Math, Science

*For more information on how to apply the study abroad trips to the core curriculum see page # 25

B.B.A. DEGREE IN ACCOUNTING/FINANCE
88 HOURS

Students following this program are prepared for entry-level positions in public, private, or governmental accounting. Educational requirements to sit for the Certified Public Accountant (CPA) examination currently vary among states. All students sitting for the CPA exam in the State of Oklahoma are required to have 150 hours of college credit, including 36 hours of upper-level accounting courses.

An OC graduate with a Bachelor of Business Administration degree will demonstrate:
1. Written, oral, and technological communication skills that reflect logic, clarity, and kindness.
2. An ability to think analytically, logically, and creatively in order to utilize a variety of approaches to problem solving.
3. A heightened awareness of values, ethics, and service to others.
4. Knowledge of diversity, opportunity, and complexity within a global society.
5. An understanding of the importance of strategic decisions and their long-term impacts.
6. The development of skills basic to a chosen profession or field of study.
7. An understanding and appreciation of group dynamics and teamwork.
8. The ability to provide leadership for the organizations they choose for careers.

Student must complete a minimum of 126 hours including the major, core, and minor if required. Elective hours may be needed to reach 126 hours.

13 HOURS LOWER DIVISION

ACCT-2113	Accounting Principles I
ACCT-2213	Accounting Principles II
BUSA-1211	Introduction to Business
ECON-2113	Macroeconomic Principles
ECON-2213	Microeconomic Principles

18 HOURS UPPER DIVISION

BUSA-3213	Business Law
BUSA-3713	Business Ethics
FINC-3313	Principles of Finance
INTL-3313	International Business
MGMT-3113	Principles of Management
MKTG-3313	Principles of Marketing

3 HOURS CAPSTONE

MGMT-4613	Strategic Management

21 HOURS SPECIALIZED COURSES

ACCT-3113	Intermediate Accounting I
ACCT-3213	Intermediate Accounting II
ACCT-3313	Cost Accounting
ACCT-3413	Income Taxation
ACCT-3513	Advanced Federal Taxation
ACCT-4113	Advanced Accounting I
ACCT-4413	Auditing

6 HOURS SPECIALIZED ACCOUNTING ELECTIVES CHOSEN FROM

ACCT-3713	Accounting Information Systems
ACCT-4313	Advanced Cost Accounting
ACCT-4423	Ethics and Auditing Concepts

3 HOURS BUSINESS ELECTIVES

MGMT-3213	Operations Management
INFO-3113	Principles of Electronic Business

9 HOURS SPECIALIZED FINANCE COURSES

ACCT-4513	Financial Accounting Statement Analysis
FINC-4113	Advanced Financial Management
FINC-4313	Financial Markets and Institutions

12 HOURS SPECIALIZED FINANCE ELECTIVES CHOSEN FROM

FINC-3513	Money and Banking
FINC-3613	Investment Analysis
FINC-3713	International Finance
FINC-3813	Personal Finance
FINC-4513	Topics in Finance
FINC-4713	Principles of Insurance

3 HOURS REQUIRED

INFO-3613	Management Information Systems

UNIVERSITY CORE CURRICULUM:
B.B.A. - 55 HOURS - COURSES MAY NOT BE REPEATED WITHIN CORE

COMMUNICATION, 9 HOURS
ENGL-1113 English Composition I
ENGL-1213 English Composition II
COMM-1213 Oral Communication

MATHEMATICS, 3 HOURS
MATH-1213 College Algebra

REQUIRED BIBLE, 8 HOURS
BIBL-1112 The Christian Scholar
BIBL-1312 Life of the Early Church: Acts
BIBL-2202 Story of the Old Testament
BIBL-2302 Story of the New Testament

BIBLE ELECTIVE, 5 HOURS
5 hours of Bible courses, except Missions Experience

CAPSTONE, 3 HOURS
BIBL-4523 Capstone: Christ and His World

POLITICAL SCIENCE, 3 HOURS
POLS-2113 Introduction to American Politics

AMERICAN HISTORY, 3 HOURS
HIST-1223 Turning Points in U.S. History

GREAT WORKS, 3 HOURS
ENGL-2213 Perspectives in Literature

SCIENCE, 6 HOURS

BEHAVIORAL SCIENCE, 3 HOURS
PSYC-1113 General Psychology I

BUSINESS COMMUNICATION, 3 HOURS
COMM-3113 Business and Professional Communication

STATISTICS 3 HOURS
MATH-2913 Statistics

LIBERAL ARTS, 3 HOURS
3 hours as approved by the department
Communication, English, Fine Arts, Foreign Language, History, Math, Science

*For more information on how to apply the study abroad trips to the core curriculum see page # 25

B.B.A. DEGREE IN FINANCE
64 HOURS

The finance major promotes the development of effective practitioners. Graduates go directly to the work force in the financial services sector or business financial management. Others find finance helpful for graduate business, law, and other professional fields.

An OC graduate with a Bachelor of Business Administration degree will demonstrate:
1. Written, oral, and technological communication skills that reflect logic, clarity, and kindness.
2. An ability to think analytically, logically, and creatively in order to utilize a variety of approaches to problem solving.
3. A heightened awareness of values, ethics, and service to others.
4. Knowledge of diversity, opportunity, and complexity within a global society.
5. An understanding of the importance of strategic decisions and their long-term impacts.
6. The development of skills basic to a chosen profession or field of study.
7. An understanding and appreciation of group dynamics and teamwork.
8. The ability to provide leadership for the organizations they choose for careers.

Student must complete a minimum of 126 hours including the major, core, and minor if required. Elective hours may be needed to reach 126 hours.

13 HOURS LOWER DIVISION

ACCT-2113	Accounting Principles I
ACCT-2213	Accounting Principles II
BUSA-1211	Introduction to Business
ECON-2113	Macroeconomic Principles
ECON-2213	Microeconomic Principles

18 HOURS UPPER DIVISION

BUSA-3213	Business Law
BUSA-3713	Business Ethics
FINC-3313	Principles of Finance
INTL-3313	International Business
MGMT-3113	Principles of Management
MKTG-3313	Principles of Marketing

3 HOURS CAPSTONE

MGMT-4613	Strategic Management

9 HOURS SPECIALIZED COURSES

FINC-4113	Advanced Financial Management
FINC-4313	Financial Markets and Institutions
ACCT-4513	Financial Accounting Statement Analysis

12 HOURS SPECIALIZED FINANCE COURSES CHOSEN FROM

FINC-3513	Money and Banking
FINC-3613	Investment Analysis
FINC-4123	International Finance
FINC-3813	Personal Finance
FINC-4513	Advanced Topics in Finance
FINC-4713	Principles of Insurance

3 HOURS ACCOUNTING CHOSEN FROM

ACCT-3113	Intermediate Accounting I
ACCT-3413	Income Taxation

6 HOURS BUSINESS

ACCT-3313	Cost Accounting I
INFO-3613	Management Information Systems

Finance Major with a concentration in Actuarial Science
For the Current Finance Major this would only require a Mathematics minor.
Math Minor
Suggested courses: MATH 2114 – Calculus 1, MATH 2214 – Calculus 2, MATH 2314 – Calculus 3, MATH 4113 – Probability and Statistics 1, and either MATH 4213 – Probability and Statistics 2 or MATH 3513 – Linear Algebra

For students interested in Actuarial Science, they may complete a Mathematics Major with a Minor in Finance with suggested courses or a Finance Major with a Minor in Mathematics with suggested courses. Talk to your academic advisor for a list of suggested courses.

UNIVERSITY CORE CURRICULUM:
B.B.A. - 55 HOURS - COURSES MAY NOT BE REPEATED WITHIN CORE

COMMUNICATION, 9 HOURS

ENGL-1113	English Composition I
ENGL-1213	English Composition II
COMM-1213	Oral Communication

MATHEMATICS, 3 HOURS

MATH-1213	College Algebra

REQUIRED BIBLE, 8 HOURS

BIBL-1112	The Christian Scholar
BIBL-1312	Life of the Early Church: Acts
BIBL-2202	Story of the Old Testament
BIBL-2302	Story of the New Testament

BIBLE ELECTIVE, 5 HOURS
5 hours of Bible courses, except Missions Experience

CAPSTONE, 3 HOURS

BIBL-4523	Capstone: Christ and His World

POLITICAL SCIENCE, 3 HOURS

POLS-2113	Introduction to American Politics

AMERICAN HISTORY, 3 HOURS

HIST-1223	Turning Points in U.S. History

GREAT WORKS, 3 HOURS

ENGL-2213	Perspectives in Literature

SCIENCE, 6 HOURS

BEHAVIORAL SCIENCE, 3 HOURS

PSYC-1113	General Psychology I

BUSINESS COMMUNICATION, 3 HOURS

COMM-3113	Business and Professional Communication

STATISTICS 3 HOURS

MATH-2913	Statistics

LIBERAL ARTS, 3 HOURS
3 hours as approved by the department Communication, English, Fine Arts, Foreign Language, History, Math, Science

*For more information on how to apply the study abroad trips to the core curriculum see page # 25

B.B.A. DEGREE IN GENERAL BUSINESS
43 HOURS, MINOR REQUIRED

This program is a general one, preparing the student for entry into industrial or governmental organizations, but without specialization in a specific discipline.

An OC graduate with a Bachelor of Business Administration degree will demonstrate:
1. Written, oral, and technological communication skills that reflect logic, clarity, and kindness.
2. An ability to think analytically, logically, and creatively in order to utilize a variety of approaches to problem solving.
3. A heightened awareness of values, ethics, and service to others.
4. Knowledge of diversity, opportunity, and complexity within a global society.
5. An understanding of the importance of strategic decisions and their long-term impacts.
6. The development of skills basic to a chosen profession or field of study.
7. An understanding and appreciation of group dynamics and teamwork.
8. The ability to provide leadership for the organizations they choose for careers.

Student must complete a minimum of 126 hours including the major, core, and minor if required. Elective hours may be needed to reach 126 hours.

13 HOURS LOWER DIVISION

ACCT-2113	Accounting Principles I
ACCT-2213	Accounting Principles II
BUSA-1211	Introduction to Business
ECON-2113	Macroeconomic Principles
ECON-2213	Microeconomic Principles

18 HOURS UPPER DIVISION

BUSA-3213	Business Law
BUSA-3713	Business Ethics
FINC-3313	Principles of Finance
INTL-3313	International Business
MGMT-3113	Principles of Management
MKTG-3313	Principles of Marketing

3 HOURS CAPSTONE

MGMT-4613	Strategic Management

9 HOURS CHOSEN FROM

ACCT-3313	Cost Accounting
INFO-3113	Principles of Electronic Business
INFO-3613	Management Information Systems
MGMT-3213	Operations Management

A MINOR OF AT LEAST 18 HOURS.
The purpose of a minor is to broaden the student's educational experiences. If a minor is chosen in the area of business, it must be exclusive of the work used in the business major. Courses cannot count in both the major and the minor.

UNIVERSITY CORE CURRICULUM:
B.B.A. - 55 HOURS - COURSES MAY NOT BE REPEATED WITHIN CORE

COMMUNICATION, 9 HOURS

ENGL-1113	English Composition I
ENGL-1213	English Composition II
COMM-1213	Oral Communication

MATHEMATICS, 3 HOURS

MATH-1213	College Algebra

REQUIRED BIBLE, 8 HOURS

BIBL-1112	The Christian Scholar
BIBL-1312	Life of the Early Church: Acts
BIBL-2202	Story of the Old Testament
BIBL-2302	Story of the New Testament

BIBLE ELECTIVE, 5 HOURS
5 hours of Bible courses, except Missions Experience

CAPSTONE, 3 HOURS

BIBL-4523	Capstone: Christ and His World

POLITICAL SCIENCE, 3 HOURS

POLS-2113	Introduction to American Politics

AMERICAN HISTORY, 3 HOURS

HIST-1223	Turning Points in U.S. History

GREAT WORKS, 3 HOURS

ENGL-2213	Perspectives in Literature

SCIENCE, 6 HOURS

BEHAVIORAL SCIENCE, 3 HOURS

PSYC-1113	General Psychology I

BUSINESS COMMUNICATION, 3 HOURS

COMM-3113	Business and Professional Communication

STATISTICS 3 HOURS

MATH-2913	Statistics

LIBERAL ARTS, 3 HOURS
3 hours as approved by the department
Communication, English, Fine Arts, Foreign Language, History, Math, Science

*For more information on how to apply the study abroad trips to the core curriculum see page # 25

DEPARTMENT OF
MANAGEMENT & MARKETING

AREAS OF STUDY
Accounting (ACCT)
Business Administration (BUSA)
Economics (ECON)
Finance (FINC)
Information Systems (INFO)
International Business (INTL)
Management (MGMT)
Marketing (MKTG)
Master of Business Administration (MBA)

DEGREES OFFERED
B.B.A. Degree in International Business w/ Accounting Emphasis
B.B.A. Degree in International Business w/ Cosmopolitan Emphasis
B.B.A. Degree in International Business w/ Finance Emphasis
B.B.A. Degree in International Business w/ Management Emphasis
B.B.A. Degree in International Business w/ Marketing Emphasis
B.B.A. Degree in Management
B.B.A. Degree in Marketing Management w/ Advertising Emphasis
B.B.A. Degree in Marketing Management w/ Marketing Management Emphasis
B.B.A. Degree in Marketing Management w/ Professional Selling Emphasis
B.B.A. Degree in Marketing Management w/ Technology Mediated Marketing Emphasis

GRADUATE SCHOOL OF BUSINESS
M.B.A. Master of Business Administration Degree
For more information regarding graduate studies in the School of Business Administration, contact Mr. Charlie Walker (405) 425-5562 or email at charlie.walker@oc.edu.

MINORS
Accounting
Finance
General Business
International Business
Management Marketing

FACULTY
Jeffery Simmons, D.B.A., Department Chair of Management & Marketing, Associate Professor of Marketing
Donald V. Drew, Ed.D., Dean, Graduate Programs, Professor of Management
Phillip V. Lewis, Ed.D., Dean of the College of Professional Studies, Professor of Management
Kimberly Merritt, D.B.A., Associate Professor of Information Systems
Joseph Paul, M.B.A., D.B.A., Assistant Professor of Business
Kerianne Roper, D.B.A., Associate Professor of Marketing
Burt Smith, Ed.D., C.M.E., C.Q.M., Associate Professor of Marketing

LOCATION
Harvey Business Center

DEAN
Phillip V. Lewis, Ed.D., Dean of the College of Professional Studies, Professor of Management

Dean's Office
Harvey Business Center, Room 101

B.B.A. DEGREE IN INTERNATIONAL BUSINESS WITH ACCOUNTING EMPHASIS 70 HOURS

The International Business major prepares students to work in a global environment, both domestic and foreign. The specialization develops skills for navigating complex international business and management issues, and develops intercultural competencies uncommon among most business students.

An OC graduate with a Bachelor of Business Administration degree will demonstrate:
1. Written, oral, and technological communication skills that reflect logic, clarity, and kindness.
2. An ability to think analytically, logically, and creatively in order to utilize a variety of approaches to problem solving.
3. A heightened awareness of values, ethics, and service to others.
4. Knowledge of diversity, opportunity, and complexity within a global society.
5. An understanding of the importance of strategic decisions and their long-term impacts.
6. The development of skills basic to a chosen profession or field of study.
7. An understanding and appreciation of group dynamics and teamwork.
8. The ability to provide leadership for the organizations they choose for careers.

Student must complete a minimum of 126 hours including the major, core, and minor if required. Elective hours may be needed to reach 126 hours.

13 HOURS LOWER DIVISION

ACCT-2113	Accounting Principles I
ACCT-2213	Accounting Principles II
BUSA-1211	Introduction to Business
ECON-2113	Macroeconomic Principles
ECON-2213	Microeconomic Principles

18 HOURS UPPER DIVISION

BUSA-3213	Business Law
BUSA-3713	Business Ethics
FINC-3313	Principles of Finance
INTL-3313	International Business
MGMT-3113	Principles of Management
MKTG-3313	Principles of Marketing

3 HOURS CAPSTONE

MGMT-4613	Strategic Management

15 HOURS SPECIALIZED INTERNATIONAL BUSINESS COURSES

INTL-3123	International Experience
INTL-4213	International Finance
INTL-4413	International Management
INTL-4723	Global Marketing
INTL-4743	International Consulting and Development

6 HOURS OF THE SAME MODERN FOREIGN LANGUAGE

6 HOURS REQUIRED BUSINESS

ACCT-3313	Cost Accounting
INFO-3613	Management Information Systems

9 HOURS ACCOUNTING EMPHASIS

ACCT-3113	Intermediate Accounting I
ACCT-3213	Intermediate Accounting II
ACCT-4113	Advanced Accounting I

UNIVERSITY CORE CURRICULUM: B.B.A. - 55 HOURS - COURSES MAY NOT BE REPEATED WITHIN CORE

COMMUNICATION, 9 HOURS

ENGL-1113	English Composition I
ENGL-1213	English Composition II
COMM-1213	Oral Communication

MATHEMATICS, 3 HOURS

MATH-1213	College Algebra

REQUIRED BIBLE, 8 HOURS

BIBL-1112	The Christian Scholar
BIBL-1312	Life of the Early Church: Acts
BIBL-2202	Story of the Old Testament
BIBL-2302	Story of the New Testament

BIBLE ELECTIVE, 5 HOURS
5 hours of Bible courses, except Missions Experience

CAPSTONE, 3 HOURS

BIBL-4523	Capstone: Christ and His World

POLITICAL SCIENCE, 3 HOURS

POLS-2113	Introduction to American Politics

AMERICAN HISTORY, 3 HOURS

HIST-1223	Turning Points in U.S. History

GREAT WORKS, 3 HOURS

ENGL-2213	Perspectives in Literature

SCIENCE, 6 HOURS

BEHAVIORAL SCIENCE, 3 HOURS

PSYC-1113	General Psychology I

BUSINESS COMMUNICATION, 3 HOURS

COMM-3113	Business and Professional Communication

STATISTICS 3 HOURS

MATH-2913	Statistics

LIBERAL ARTS, 3 HOURS
3 hours as approved by the department Communication, English, Fine Arts, Foreign Language, History, Math, Science

*For more information on how to apply the study abroad trips to the core curriculum see page # 25

B.B.A. DEGREE IN INTERNATIONAL BUSINESS WITH COSMOPOLITAN EMPHASIS - 70 HOURS

The International Business major prepares students to work in a global environment, both domestic and foreign. The specialization develops skills for navigating complex international business and management issues, and develops intercultural competencies uncommon among most business students.

An OC graduate with a Bachelor of Business Administration degree will demonstrate:
1. Written, oral, and technological communication skills that reflect logic, clarity, and kindness.
2. An ability to think analytically, logically, and creatively in order to utilize a variety of approaches to problem solving.
3. A heightened awareness of values, ethics, and service to others.
4. Knowledge of diversity, opportunity, and complexity within a global society.
5. An understanding of the importance of strategic decisions and their long-term impacts.
6. The development of skills basic to a chosen profession or field of study.
7. An understanding and appreciation of group dynamics and teamwork.
8. The ability to provide leadership for the organizations they choose for careers.

Student must complete a minimum of 126 hours including the major, core, and minor if required. Elective hours may be needed to reach 126 hours.

13 HOURS LOWER DIVISION

ACCT-2113	Accounting Principles I
ACCT-2213	Accounting Principles II
BUSA-1211	Introduction to Business
ECON-2113	Macroeconomic Principles
ECON-2213	Microeconomic Principles

18 HOURS UPPER DIVISION

BUSA-3213	Business Law
BUSA-3713	Business Ethics
FINC-3313	Principles of Finance
INTL-3313	International Business
MGMT-3113	Principles of Management
MKTG-3313	Principles of Marketing

3 HOURS CAPSTONE

MGMT-4613	Strategic Management

15 HOURS SPECIALIZED INTERNATIONAL BUSINESS COURSES

INTL-3123	International Experience
INTL-4213	International Finance
INTL-4413	International Management
INTL-4723	Global Marketing
INTL-4743	International Consulting and Development

6 HOURS OF THE SAME MODERN FOREIGN LANGUAGE

6 HOURS REQUIRED BUSINESS

ACCT-3313	Cost Accounting
INFO-3613	Management Information Systems

9 HOURS COSMOPOLITAN EMPHASIS CHOSEN FROM

COMM-4633	Intercultural Communication
GEOG-2213	World Regional Geography
HIST-2613	Modern Middle East
HIST-2923	Western Civilization
MISS-3143	Introduction to Asian Civilization
MISS-3313	Cross Cultural Ministry
MUSC-3213	Perspectives in World Music
POLS-2213	Introduction to Global Politics
POLS-3613	International Political Economy
POLS-4213	Theories and Ethics in International Relations
SOCI-3513	World Religions
SOCI-3613	Cultural Anthropology

or any course agreed upon by the department chair

UNIVERSITY CORE CURRICULUM: B.B.A. - 55 HOURS - COURSES MAY NOT BE REPEATED WITHIN CORE

COMMUNICATION, 9 HOURS

ENGL-1113	English Composition I
ENGL-1213	English Composition II
COMM-1213	Oral Communication

MATHEMATICS, 3 HOURS

MATH-1213	College Algebra

REQUIRED BIBLE, 8 HOURS

BIBL-1112	The Christian Scholar
BIBL-1312	Life of the Early Church: Acts
BIBL-2202	Story of the Old Testament
BIBL-2302	Story of the New Testament

BIBLE ELECTIVE, 5 HOURS
5 hours of Bible courses, except Missions Experience

CAPSTONE, 3 HOURS

BIBL-4523	Capstone: Christ and His World

POLITICAL SCIENCE, 3 HOURS

POLS-2113	Introduction to American Politics

AMERICAN HISTORY, 3 HOURS

HIST-1223	Turning Points in U.S. History

GREAT WORKS, 3 HOURS

ENGL-2213	Perspectives in Literature

SCIENCE, 6 HOURS

BEHAVIORAL SCIENCE, 3 HOURS

PSYC-1113	General Psychology I

BUSINESS COMMUNICATION, 3 HOURS

COMM-3113	Business and Professional Communication

STATISTICS 3 HOURS

MATH-2913	Statistics

LIBERAL ARTS, 3 HOURS
3 hours as approved by the department Communication, English, Fine Arts, Foreign Language, History, Math, Science

*For more information on how to apply the study abroad trips to the core curriculum see page # 25

B.B.A. DEGREE IN INTERNATIONAL BUSINESS WITH FINANCE EMPHASIS 70 HOURS

The International Business major prepares students to work in a global environment, both domestic and foreign. The specialization develops skills for navigating complex international business and management issues, and develops intercultural competencies uncommon among most business students.

An OC graduate with a Bachelor of Business Administration degree will demonstrate:
1. Written, oral, and technological communication skills that reflect logic, clarity, and kindness.
2. An ability to think analytically, logically, and creatively in order to utilize a variety of approaches to problem solving.
3. A heightened awareness of values, ethics, and service to others.
4. Knowledge of diversity, opportunity, and complexity within a global society.
5. An understanding of the importance of strategic decisions and their long-term impacts.
6. The development of skills basic to a chosen profession or field of study.
7. An understanding and appreciation of group dynamics and teamwork.
8. The ability to provide leadership for the organizations they choose for careers.

Student must complete a minimum of 126 hours including the major, core, and minor if required. Elective hours may be needed to reach 126 hours.

13 HOURS LOWER DIVISION

ACCT-2113	Accounting Principles I
ACCT-2213	Accounting Principles II
BUSA-1211	Introduction to Business
ECON-2113	Macroeconomic Principles
ECON-2213	Microeconomic Principles

18 HOURS UPPER DIVISION

BUSA-3213	Business Law
BUSA-3713	Business Ethics
FINC-3313	Principles of Finance
INTL-3313	International Business
MGMT-3113	Principles of Management
MKTG-3313	Principles of Marketing

3 HOURS CAPSTONE

MGMT-4613	Strategic Management

15 HOURS SPECIALIZED INTERNATIONAL BUSINESS COURSES

INTL-3123	International Experience
INTL-4213	International Finance
INTL-4413	International Management
INTL-4723	Global Marketing
INTL-4743	International Consulting and Development

6 HOURS OF THE SAME MODERN FOREIGN LANGUAGE

6 HOURS REQUIRED BUSINESS

ACCT-3313	Cost Accounting
INFO-3613	Management Information Systems

9 HOURS FINANCE EMPHASIS

FINC-3513	Money and Banking
FINC-4113	Advanced Financial Management
FINC-4313	Financial Markets

UNIVERSITY CORE CURRICULUM: B.B.A. - 55 HOURS - COURSES MAY NOT BE REPEATED WITHIN CORE

COMMUNICATION, 9 HOURS

ENGL-1113	English Composition I
ENGL-1213	English Composition II
COMM-1213	Oral Communication

MATHEMATICS, 3 HOURS

MATH-1213	College Algebra

REQUIRED BIBLE, 8 HOURS

BIBL-1112	The Christian Scholar
BIBL-1312	Life of the Early Church: Acts
BIBL-2202	Story of the Old Testament
BIBL-2302	Story of the New Testament

BIBLE ELECTIVE, 5 HOURS
5 hours of Bible courses, except Missions Experience

CAPSTONE, 3 HOURS

BIBL-4523	Capstone: Christ and His World

POLITICAL SCIENCE, 3 HOURS

POLS-2113	Introduction to American Politics

AMERICAN HISTORY, 3 HOURS

HIST-1223	Turning Points in U.S. History

GREAT WORKS, 3 HOURS

ENGL-2213	Perspectives in Literature

SCIENCE, 6 HOURS

BEHAVIORAL SCIENCE, 3 HOURS

PSYC-1113	General Psychology I

BUSINESS COMMUNICATION, 3 HOURS

COMM-3113	Business and Professional Communication

STATISTICS 3 HOURS

MATH-2913	Statistics

LIBERAL ARTS, 3 HOURS
3 hours as approved by the department Communication, English, Fine Arts, Foreign Language, History, Math, Science

*For more information on how to apply the study abroad trips to the core curriculum see page # 25

B.B.A. DEGREE IN INTERNATIONAL BUSINESS WITH MANAGEMENT EMPHASIS 70 HOURS

The International Business major prepares students to work in a global environment, both domestic and foreign. The specialization develops skills for navigating complex international business and management issues, and develops intercultural competencies uncommon among most business students.

An OC graduate with a Bachelor of Business Administration degree will demonstrate:
1. Written, oral, and technological communication skills that reflect logic, clarity, and kindness.
2. An ability to think analytically, logically, and creatively in order to utilize a variety of approaches to problem solving.
3. A heightened awareness of values, ethics, and service to others.
4. Knowledge of diversity, opportunity, and complexity within a global society.
5. An understanding of the importance of strategic decisions and their long-term impacts.
6. The development of skills basic to a chosen profession or field of study.
7. An understanding and appreciation of group dynamics and teamwork.
8. The ability to provide leadership for the organizations they choose for careers.

Student must complete a minimum of 126 hours including the major, core, and minor if required. Elective hours may be needed to reach 126 hours.

13 HOURS LOWER DIVISION

ACCT-2113	Accounting Principles I
ACCT-2213	Accounting Principles II
BUSA-1211	Introduction to Business
ECON-2113	Macroeconomic Principles
ECON-2213	Microeconomic Principles

18 HOURS UPPER DIVISION

BUSA-3213	Business Law
BUSA-3713	Business Ethics
FINC-3313	Principles of Finance
INTL-3313	International Business
MGMT-3113	Principles of Management
MKTG-3313	Principles of Marketing

3 HOURS CAPSTONE

MGMT-4613	Strategic Management

15 HOURS SPECIALIZED INTERNATIONAL BUSINESS COURSES

INTL-3123	International Experience
INTL-4213	International Finance
INTL-4413	International Management
INTL-4723	Global Marketing
INTL-4743	International Consulting and Development

6 HOURS OF THE SAME MODERN FOREIGN LANGUAGE

6 HOURS REQUIRED BUSINESS

ACCT-3313	Cost Accounting
INFO-3613	Management Information Systems

3 HOURS MANAGEMENT EMPHASIS REQUIRED

MGMT-3123	Operations Management

6 HOURS MANAGEMENT UPPER DIVISION ELECTIVES

6 hours courses numbered 3000 or above not already taken

UNIVERSITY CORE CURRICULUM: B.B.A. - 55 HOURS - COURSES MAY NOT BE REPEATED WITHIN CORE

COMMUNICATION, 9 HOURS

ENGL-1113	English Composition I
ENGL-1213	English Composition II
COMM-1213	Oral Communication

MATHEMATICS, 3 HOURS

MATH-1213	College Algebra

REQUIRED BIBLE, 8 HOURS

BIBL-1112	The Christian Scholar
BIBL-1312	Life of the Early Church: Acts
BIBL-2202	Story of the Old Testament
BIBL-2302	Story of the New Testament

BIBLE ELECTIVE, 5 HOURS

5 hours of Bible courses, except Missions Experience

CAPSTONE, 3 HOURS

BIBL-4523	Capstone: Christ and His World

POLITICAL SCIENCE, 3 HOURS

POLS-2113	Introduction to American Politics

AMERICAN HISTORY, 3 HOURS

HIST-1223	Turning Points in U.S. History

GREAT WORKS, 3 HOURS

ENGL-2213	Perspectives in Literature

SCIENCE, 6 HOURS

BEHAVIORAL SCIENCE, 3 HOURS

PSYC-1113	General Psychology I

BUSINESS COMMUNICATION, 3 HOURS

COMM-3113	Business and Professional Communication

STATISTICS 3 HOURS

MATH-2913	Statistics

LIBERAL ARTS, 3 HOURS

3 hours as approved by the department Communication, English, Fine Arts, Foreign Language, History, Math, Science

*For more information on how to apply the study abroad trips to the core curriculum see page # 25

B.B.A. DEGREE IN INTERNATIONAL BUSINESS WITH MARKETING EMPHASIS 70 HOURS

The International Business major prepares students to work in a global environment, both domestic and foreign. The specialization develops skills for navigating complex international business and management issues, and develops intercultural competencies uncommon among most business students.

An OC graduate with a Bachelor of Business Administration degree will demonstrate:
1. Written, oral, and technological communication skills that reflect logic, clarity, and kindness.
2. An ability to think analytically, logically, and creatively in order to utilize a variety of approaches to problem solving.
3. A heightened awareness of values, ethics, and service to others.
4. Knowledge of diversity, opportunity, and complexity within a global society.
5. An understanding of the importance of strategic decisions and their long-term impacts.
6. The development of skills basic to a chosen profession or field of study.
7. An understanding and appreciation of group dynamics and teamwork.
8. The ability to provide leadership for the organizations they choose for careers.

Student must complete a minimum of 126 hours including the major, core, and minor if required. Elective hours may be needed to reach 126 hours.

13 HOURS LOWER DIVISION

ACCT-2113	Accounting Principles I
ACCT-2213	Accounting Principles II
BUSA-1211	Introduction to Business
ECON-2113	Macroeconomic Principles
ECON-2213	Microeconomic Principles

18 HOURS UPPER DIVISION

BUSA-3213	Business Law
BUSA-3713	Business Ethics
FINC-3313	Principles of Finance
INTL-3313	International Business
MGMT-3113	Principles of Management
MKTG-3313	Principles of Marketing

3 HOURS CAPSTONE

MGMT-4613	Strategic Management

15 HOURS SPECIALIZED INTERNATIONAL BUSINESS COURSES

INTL-3123	International Experience
INTL-4213	International Finance
INTL-4413	International Management
INTL-4723	Global Marketing
INTL-4743	International Consulting and Development

6 HOURS OF THE SAME MODERN FOREIGN LANGUAGE

6 HOURS REQUIRED BUSINESS

ACCT-3313	Cost Accounting
INFO-3613	Management Information Systems

9 HOURS MARKETING UPPER DIVISION ELECTIVES

9 hours courses numbered 3000 or above not already taken

UNIVERSITY CORE CURRICULUM: B.B.A. - 55 HOURS - COURSES MAY NOT BE REPEATED WITHIN CORE

COMMUNICATION, 9 HOURS

ENGL-1113	English Composition I
ENGL-1213	English Composition II
COMM-1213	Oral Communication

MATHEMATICS, 3 HOURS

MATH-1213	College Algebra

REQUIRED BIBLE, 8 HOURS

BIBL-1112	The Christian Scholar
BIBL-1312	Life of the Early Church: Acts
BIBL-2202	Story of the Old Testament
BIBL-2302	Story of the New Testament

BIBLE ELECTIVE, 5 HOURS

5 hours of Bible courses, except Missions Experience

CAPSTONE, 3 HOURS

BIBL-4523	Capstone: Christ and His World

POLITICAL SCIENCE, 3 HOURS

POLS-2113	Introduction to American Politics

AMERICAN HISTORY, 3 HOURS

HIST-1223	Turning Points in U.S. History

GREAT WORKS, 3 HOURS

ENGL-2213	Perspectives in Literature

SCIENCE, 6 HOURS

BEHAVIORAL SCIENCE, 3 HOURS

PSYC-1113	General Psychology I

BUSINESS COMMUNICATION, 3 HOURS

COMM-3113	Business and Professional Communication

STATISTICS 3 HOURS

MATH-2913	Statistics

LIBERAL ARTS, 3 HOURS

3 hours as approved by the department Communication, English, Fine Arts, Foreign Language, History, Math, Science

*For more information on how to apply the study abroad trips to the core curriculum see page # 25

B.B.A. DEGREE IN MANAGEMENT
58 HOURS

The Business Management program is oriented toward the behavioral and organizational aspects of industrial, commercial, and institutional organizations. This degree is for students preparing for a career in supervisory and management positions.

An OC graduate with a Bachelor of Business Administration degree will demonstrate:
1. Written, oral, and technological communication skills that reflect logic, clarity, and kindness.
2. An ability to think analytically, logically, and creatively in order to utilize a variety of approaches to problem solving.
3. A heightened awareness of values, ethics, and service to others.
4. Knowledge of diversity, opportunity, and complexity within a global society.
5. An understanding of the importance of strategic decisions and their long-term impacts.
6. The development of skills basic to a chosen profession or field of study.
7. An understanding and appreciation of group dynamics and teamwork.
8. The ability to provide leadership for the organizations they choose for careers.

Student must complete a minimum of 126 hours including the major, core, and minor if required. Elective hours may be needed to reach 126 hours.

13 HOURS LOWER DIVISION

ACCT-2113	Accounting Principles I
ACCT-2213	Accounting Principles II
BUSA-1211	Introduction to Business
ECON-2113	Macroeconomic Principles
ECON-2213	Microeconomic Principles

18 HOURS UPPER DIVISION

BUSA-3213	Business Law
BUSA-3713	Business Ethics
FINC-3313	Principles of Finance
INTL-3313	International Business
MGMT-3113	Principles of Management
MKTG-3313	Principles of Marketing

3 HOURS CAPSTONE

MGMT-4613	Strategic Management

12 HOURS OF SPECIALIZED MANAGEMENT COURSES

MGMT-3213	Operations Management
MGMT-3323	Entrepreneurship and Small Business Management
MGMT-4313	Organizational Behavior
MGMT-4513	Human Resource Management

6 HOURS OF SPECIALIZED ELECTIVE COURSES CHOSEN FROM

MGMT-3533	Issues in Management
MGMT-4413	International Management
MGMT-4993	Internship in Management

6 HOURS REQUIRED BUSINESS COURSES

ACCT-3313	Cost Accounting
INFO-3613	Management Information Systems

UNIVERSITY CORE CURRICULUM:
B.B.A. - 55 HOURS - COURSES MAY NOT BE REPEATED WITHIN CORE

COMMUNICATION, 9 HOURS

ENGL-1113	English Composition I
ENGL-1213	English Composition II
COMM-1213	Oral Communication

MATHEMATICS, 3 HOURS

MATH-1213	College Algebra

REQUIRED BIBLE, 8 HOURS

BIBL-1112	The Christian Scholar
BIBL-1312	Life of the Early Church: Acts
BIBL-2202	Story of the Old Testament
BIBL-2302	Story of the New Testament

BIBLE ELECTIVE, 5 HOURS
5 hours of Bible courses, except Missions Experience

CAPSTONE, 3 HOURS

BIBL-4523	Capstone: Christ and His World

POLITICAL SCIENCE, 3 HOURS

POLS-2113	Introduction to American Politics

AMERICAN HISTORY, 3 HOURS

HIST-1223	Turning Points in U.S. History

GREAT WORKS, 3 HOURS

ENGL-2213	Perspectives in Literature

SCIENCE, 6 HOURS

BEHAVIORAL SCIENCE, 3 HOURS

PSYC-1113	General Psychology I

BUSINESS COMMUNICATION, 3 HOURS

COMM-3113	Business and Professional Communication

STATISTICS 3 HOURS

MATH-2913	Statistics

LIBERAL ARTS, 3 HOURS
3 hours as approved by the department
Communication, English, Fine Arts, Foreign Language, History, Math, Science

*For more information on how to apply the study abroad trips to the core curriculum see page # 25

B.B.A. DEGREE IN MARKETING MANAGEMENT WITH ADVERTISING EMPHASIS 64 HOURS

The Marketing Management program prepares students for traditional marketing, promotion, sales, sales management, and marketing research responsibilities. This specialization develops skills for the recognition and analysis of marketing problems, both from the organizational and external market perspectives.

An OC graduate with a Bachelor of Business Administration degree will demonstrate:
1. Written, oral, and technological communication skills that reflect logic, clarity, and kindness.
2. An ability to think analytically, logically, and creatively in order to utilize a variety of approaches to problem solving.
3. A heightened awareness of values, ethics, and service to others.
4 Knowledge of diversity, opportunity, and complexity within a global society.
5. An understanding of the importance of strategic decisions and their long-term impacts.
6. The development of skills basic to a chosen profession or field of study.
7. An understanding and appreciation of group dynamics and teamwork.
8. The ability to provide leadership for the organizations they choose for careers.

Student must complete a minimum of 126 hours including the major, core, and minor if required. Elective hours may be needed to reach 126 hours.

13 HOURS LOWER DIVISION

ACCT-2113	Accounting Principles I
ACCT-2213	Accounting Principles II
BUSA-1211	Introduction to Business
ECON-2113	Macroeconomic Principles
ECON-2213	Microeconomic Principles

18 HOURS UPPER DIVISION

BUSA-3213	Business Law
BUSA-3713	Business Ethics
FINC-3313	Principles of Finance
INTL-3313	International Business
MGMT-3113	Principles of Management
MKTG-3313	Principles of Marketing

3 HOURS CAPSTONE

MGMT-4613	Strategic Management

6 HOURS REQUIRED SPECIALIZED COURSES

INFO-3113	Principles of Electronic Business
MGMT-3213	Operations Management

12 HOURS OF SPECIALIZED REQUIRED

MKTG-3413	Consumer Behavior
MKTG-3713	Sales Management and the Sales Process
MKTG-4513	Marketing Research
MKTG-4613	Marketing Management

12 HOURS ADVERTISING

ARTS-3333	History of Design
COMM-2113	Writing Across Media
COMM-3733	Media Marketing and Sales
MKTG-4313	Promotional Strategies

UNIVERSITY CORE CURRICULUM: B.B.A. - 55 HOURS - COURSES MAY NOT BE REPEATED WITHIN CORE

COMMUNICATION, 9 HOURS

ENGL-1113	English Composition I
ENGL-1213	English Composition II
COMM-1213	Oral Communication

MATHEMATICS, 3 HOURS

MATH-1213	College Algebra

REQUIRED BIBLE, 8 HOURS

BIBL-1112	The Christian Scholar
BIBL-1312	Life of the Early Church: Acts
BIBL-2202	Story of the Old Testament
BIBL-2302	Story of the New Testament

BIBLE ELECTIVE, 5 HOURS
5 hours of Bible courses, except Missions Experience

CAPSTONE, 3 HOURS

BIBL-4523	Capstone: Christ and His World

POLITICAL SCIENCE, 3 HOURS

POLS-2113	Introduction to American Politics

AMERICAN HISTORY, 3 HOURS

HIST-1223	Turning Points in U.S. History

GREAT WORKS, 3 HOURS

ENGL-2213	Perspectives in Literature

SCIENCE, 6 HOURS

BEHAVIORAL SCIENCE, 3 HOURS

PSYC-1113	General Psychology I

BUSINESS COMMUNICATION, 3 HOURS

COMM-3113	Business and Professional Communication

STATISTICS 3 HOURS

MATH-2913	Statistics

LIBERAL ARTS, 3 HOURS

ENGL-3493	Technical Writing

*For more information on how to apply the study abroad trips to the core curriculum see page # 25

B.B.A. DEGREE IN MARKETING MANAGEMENT WITH MARKETING MANAGEMENT EMPHASIS - 64 HOURS

The Marketing Management program prepares students for traditional marketing, promotion, sales, sales management, and marketing research responsibilities. This specialization develops skills for the recognition and analysis of marketing problems, both from the organizational and external market perspectives.

An OC graduate with a Bachelor of Business Administration degree will demonstrate:
1. Written, oral, and technological communication skills that reflect logic, clarity, and kindness.
2. An ability to think analytically, logically, and creatively in order to utilize a variety of approaches to problem solving.
3. A heightened awareness of values, ethics, and service to others.
4. Knowledge of diversity, opportunity, and complexity within a global society.
5. An understanding of the importance of strategic decisions and their long-term impacts.
6. The development of skills basic to a chosen profession or field of study.
7. An understanding and appreciation of group dynamics and teamwork.
8. The ability to provide leadership for the organizations they choose for careers.

Student must complete a minimum of 126 hours including the major, core, and minor if required. Elective hours may be needed to reach 126 hours.

13 HOURS LOWER DIVISION

ACCT-2113	Accounting Principles I
ACCT-2213	Accounting Principles II
BUSA-1211	Introduction to Business
ECON-2113	Macroeconomic Principles
ECON-2213	Microeconomic Principles

18 HOURS UPPER DIVISION

BUSA-3213	Business Law
BUSA-3713	Business Ethics
FINC-3313	Principles of Finance
INTL-3313	International Business
MGMT-3113	Principles of Management
MKTG-3313	Principles of Marketing

3 HOURS CAPSTONE

MGMT-4613	Strategic Management

6 HOURS REQUIRED SPECIALIZED COURSES

INFO-3113	Principles of Electronic Business
MGMT-3213	Operations Management

12 HOURS OF SPECIALIZED REQUIRED

MKTG-3413	Consumer Behavior
MKTG-3713	Sales Management and the Sales Process
MKTG-4513	Marketing Research
MKTG-4613	Marketing Management

6 HOURS OF SPECIALIZED MARKETING MANAGEMENT EMPHASIS

6 hours MKTG courses numbered 3000 or above not already taken

3 HOURS MARKETING COMMUNICATION

COMM-2113	Writing Across Media

3 HOURS ELECTIVES CHOSEN FROM

COMM-3733	Media Marketing and Sales
MGMT-3323	Entrepreneurship and Small Business Management
PSYC/SOCI-3413	Social Psychology

3 hours of internship or advisor approved course

UNIVERSITY CORE CURRICULUM: B.B.A. - 55 HOURS - COURSES MAY NOT BE REPEATED WITHIN CORE

COMMUNICATION, 9 HOURS

ENGL-1113	English Composition I
ENGL-1213	English Composition II
COMM-1213	Oral Communication

MATHEMATICS, 3 HOURS

MATH-1213	College Algebra

REQUIRED BIBLE, 8 HOURS

BIBL-1112	The Christian Scholar
BIBL-1312	Life of the Early Church: Acts
BIBL-2202	Story of the Old Testament
BIBL-2302	Story of the New Testament

BIBLE ELECTIVE, 5 HOURS

5 hours of Bible courses, except Missions Experience

CAPSTONE, 3 HOURS

BIBL-4523	Capstone: Christ and His World

POLITICAL SCIENCE, 3 HOURS

POLS-2113	Introduction to American Politics

AMERICAN HISTORY, 3 HOURS

HIST-1223	Turning Points in U.S. History

GREAT WORKS, 3 HOURS

ENGL-2213	Perspectives in Literature

SCIENCE, 6 HOURS

BEHAVIORAL SCIENCE, 3 HOURS

PSYC-1113	General Psychology I

BUSINESS COMMUNICATION, 3 HOURS

COMM-3113	Business and Professional Communication

STATISTICS 3 HOURS

MATH-2913	Statistics

LIBERAL ARTS, 3 HOURS

ENGL-3493	Technical Writing

*For more information on how to apply the study abroad trips to the core curriculum see page # 25

B.B.A. DEGREE IN MARKETING MANAGEMENT WITH PROFESSIONAL SELLING EMPHASIS - 64 HOURS

The Marketing Management program prepares students for traditional marketing, promotion, sales, sales management, and marketing research responsibilities. This specialization develops skills for the recognition and analysis of marketing problems, both from the organizational and external market perspectives.

An OC graduate with a Bachelor of Business Administration degree will demonstrate:
1. Written, oral, and technological communication skills that reflect logic, clarity, and kindness.
2. An ability to think analytically, logically, and creatively in order to utilize a variety of approaches to problem solving.
3. A heightened awareness of values, ethics, and service to others.
4. Knowledge of diversity, opportunity, and complexity within a global society.
5. An understanding of the importance of strategic decisions and their long-term impacts.
6. The development of skills basic to a chosen profession or field of study.
7. An understanding and appreciation of group dynamics and teamwork.
8. The ability to provide leadership for the organizations they choose for careers.

Student must complete a minimum of 126 hours including the major, core, and minor if required. Elective hours may be needed to reach 126 hours.

13 HOURS LOWER DIVISION

ACCT-2113	Accounting Principles I
ACCT-2213	Accounting Principles II
BUSA-1211	Introduction to Business
ECON-2113	Macroeconomic Principles
ECON-2213	Microeconomic Principles

18 HOURS UPPER DIVISION

BUSA-3213	Business Law
BUSA-3713	Business Ethics
FINC-3313	Principles of Finance
INTL-3313	International Business
MGMT-3113	Principles of Management
MKTG-3313	Principles of Marketing

3 HOURS CAPSTONE

MGMT-4613	Strategic Management

6 HOURS REQUIRED SPECIALIZED COURSES

INFO-3113	Principles of Electronic Business
MGMT-3213	Operations Management

12 HOURS OF SPECIALIZED REQUIRED

MKTG-3413	Consumer Behavior
MKTG-3713	Sales Management and the Sales Process
MKTG-4513	Marketing Research
MKTG-4613	Marketing Management

12 HOURS PROFESSIONAL SELLING

COMM-3733	Media Marketing and Sales
MGMT-3323	Entrepreneurship and Small Business Management
PSYC/SOCI-3413	Social Psychology

3 hours of internship or advisor approved course

UNIVERSITY CORE CURRICULUM: B.B.A. - 55 HOURS - COURSES MAY NOT BE REPEATED WITHIN CORE

COMMUNICATION, 9 HOURS

ENGL-1113	English Composition I
ENGL-1213	English Composition II
COMM-1213	Oral Communication

MATHEMATICS, 3 HOURS

MATH-1213	College Algebra

REQUIRED BIBLE, 8 HOURS

BIBL-1112	The Christian Scholar
BIBL-1312	Life of the Early Church: Acts
BIBL-2202	Story of the Old Testament
BIBL-2302	Story of the New Testament

BIBLE ELECTIVE, 5 HOURS

5 hours of Bible courses, except Missions Experience

CAPSTONE, 3 HOURS

BIBL-4523	Capstone: Christ and His World

POLITICAL SCIENCE, 3 HOURS

POLS-2113	Introduction to American Politics

AMERICAN HISTORY, 3 HOURS

HIST-1223	Turning Points in U.S. History

GREAT WORKS, 3 HOURS

ENGL-2213	Perspectives in Literature

SCIENCE, 6 HOURS

BEHAVIORAL SCIENCE, 3 HOURS

PSYC-1113	General Psychology I

BUSINESS COMMUNICATION, 3 HOURS

COMM-3113	Business and Professional Communication

STATISTICS 3 HOURS

MATH-2913	Statistics

LIBERAL ARTS, 3 HOURS

ENGL-3493	Technical Writing

*For more information on how to apply the study abroad trips to the core curriculum see page # 25

B.B.A. DEGREE IN MARKETING MANAGEMENT WITH TECHNOLOGY MEDIATED MARKETING EMPHASIS - 64 HOURS

The Marketing Management program prepares students for traditional marketing, promotion, sales, sales management, and marketing research responsibilities. This specialization develops skills for the recognition and analysis of marketing problems, both from the organizational and external market perspectives.

An OC graduate with a Bachelor of Business Administration degree will demonstrate:
1. Written, oral, and technological communication skills that reflect logic, clarity, and kindness.
2. An ability to think analytically, logically, and creatively in order to utilize a variety of approaches to problem solving.
3. A heightened awareness of values, ethics, and service to others.
4. Knowledge of diversity, opportunity, and complexity within a global society.
5. An understanding of the importance of strategic decisions and their long-term impacts.
6. The development of skills basic to a chosen profession or field of study.
7. An understanding and appreciation of group dynamics and teamwork.
8. The ability to provide leadership for the organizations they choose for careers.

Student must complete a minimum of 126 hours including the major, core, and minor if required. Elective hours may be needed to reach 126 hours.

13 HOURS LOWER DIVISION

ACCT-2113	Accounting Principles I
ACCT-2213	Accounting Principles II
BUSA-1211	Introduction to Business
ECON-2113	Macroeconomic Principles
ECON-2213	Microeconomic Principles

18 HOURS UPPER DIVISION

BUSA-3213	Business Law
BUSA-3713	Business Ethics
FINC-3313	Principles of Finance
INTL-3313	International Business
MGMT-3113	Principles of Management
MKTG-3313	Principles of Marketing

3 HOURS CAPSTONE

MGMT-4613	Strategic Management

6 HOURS REQUIRED SPECIALIZED COURSES

INFO-3113	Principles of Electronic Business
MGMT-3213	Operations Management

12 HOURS OF SPECIALIZED REQUIRED

MKTG-3413	Consumer Behavior
MKTG-3713	Sales Management and the Sales Process
MKTG-4513	Marketing Research
MKTG-4613	Marketing Management

12 HOURS TECHNOLOGY MEDIATED MARKETING

ARTS-1103	Technology for Graphics
COMM-2113	Writing Across Media
MKTG-3513	E-Commerce and Online Marketing
MKTG-4313	Promotional Strategies

UNIVERSITY CORE CURRICULUM: B.B.A. - 55 HOURS - COURSES MAY NOT BE REPEATED WITHIN CORE

COMMUNICATION, 9 HOURS

ENGL-1113	English Composition I
ENGL-1213	English Composition II
COMM-1213	Oral Communication

MATHEMATICS, 3 HOURS

MATH-1213	College Algebra

REQUIRED BIBLE, 8 HOURS

BIBL-1112	The Christian Scholar
BIBL-1312	Life of the Early Church: Acts
BIBL-2202	Story of the Old Testament
BIBL-2302	Story of the New Testament

BIBLE ELECTIVE, 5 HOURS
5 hours of Bible courses, except Missions Experience

CAPSTONE, 3 HOURS

BIBL-4523	Capstone: Christ and His World

POLITICAL SCIENCE, 3 HOURS

POLS-2113	Introduction to American Politics

AMERICAN HISTORY, 3 HOURS

HIST-1223	Turning Points in U.S. History

GREAT WORKS, 3 HOURS

ENGL-2213	Perspectives in Literature

SCIENCE, 6 HOURS

BEHAVIORAL SCIENCE, 3 HOURS

PSYC-1113	General Psychology I

BUSINESS COMMUNICATION, 3 HOURS

COMM-3113	Business and Professional Communication

STATISTICS 3 HOURS

MATH-2913	Statistics

LIBERAL ARTS, 3 HOURS

ENGL-3493	Technical Writing

*For more information on how to apply the study abroad trips to the core curriculum see page # 25

SCHOOL OF EDUCATION

Department of Teacher Education
Department of Physical Education

DEPARTMENT OF TEACHER EDUCATION

AREAS OF STUDY
Early Childhood Education (ECED)
Education (EDUC)
Elementary Education (ELEM)
Physical Education (PHED)

DEGREES OFFERED
B.S.E. Degree in Early Childhood Education
B.S.E. Degree in Elementary Education

SECONDARY (LICENSURE, GRADES 6-12) (see respective departments for details)
B.S.E. Degree in English
B.S.E. Degree in Mathematics
B.S.E. Degree in Science
B.S.E. Degree in Social Studies

ELEMENTARY-SECONDARY (LICENSURE PK-12) (see respective departments for details)

MINORS
Professional Education (included with each B.S.E. degree)

FACULTY

TEACHER EDUCATION
Robyn Miller, Ed.D., Department Chair, Professor of Education
Allison Cassady, Ph.D., Assistant Professor of Education
Caren Feuerhelm, Ed.D., Associate Professor of Education
Darin Martin, Ed.D., Associate Professor of Education
Rhonda Morris, M.S.Ed., Ed.D candidate, Assistant Professor of Education

LOCATION
CLASSROOMS AND FACULTY OFFICES

TEACHER EDUCATION
Davisson American Heritage Building

DEAN
Phillip V. Lewis, Ed.D., Dean of the College of Professional Studies, Professor of Management

Dean's Office
Harvey Business Center, Room 101

TEACHER EDUCATION
The Teacher Education Program is designed to ensure that teacher candidates develop a strong foundation in the liberal arts, a sound knowledge of their discipline, an understanding of how students learn, and a reasonable mastery of communication skills.
Preparation of effective classroom teachers has long been recognized as a strength of OC. The Teacher Education Program has a history of excellent results, including high pass rates on state certification exams and high placement rates for graduates.

The teacher education program is approved by the Oklahoma Commission for Teacher Preparation. The unit is accredited by the National Council for Accreditation of Teacher Education (NCATE), and OC has been a NCATE accredited institution since 1972.Teacher Certification Process

STEP 1: ADMISSION TO TEACHER EDUCATION:
After you have completed three semesters of work, you should apply for admission to Teacher Education, at which time a first check of character and scholarship will be made.

REQUIREMENTS FOR ADMISSION TO TEACHER EDUCATION
- Forty-five semester hours of credit with a GPA of 2.75.
- Grade of C or better in EDUC-3121, EDUC 3122 (must have a GPA of 2.65 to enroll).
- Recommendation of major department.
- Recommendation of the Office of Student Life.
- Satisfactory completion of the Teacher Education Writing Evaluation.
- Grade of C or better in COMM-1213.
- Recommendation of Teacher Education Interview Committee.
- A written paper and oral presentation of your reasons for wanting to enter the profession, presented to the Teacher Education Interview Committee.
- One character reference.
- Successful completion of OGET (required in program), or 3.0 GPA on 20 hours selected liberal arts courses which delays the OGET for one semester.
- Satisfactory portfolio review.
- Documentation of successful participation in working with age level matching that of certification sought (PK-3, 6-12, PK-12). Field Experience – EDUC-3121.

APPROVAL OF TEACHER EDUCATION COUNCIL.

Note: Changes in teacher licensure requirements made by the state of Oklahoma may require that changes be made in the Teacher Education Program at OC.

Students will apply for admission to Teacher Education early in the semester in which they are enrolled in EDUC-3121, Orientation to Teacher Education. Applications will be processed during that semester; those admitted to candidacy at the end of the semester will be notified and will be able to proceed in the Teacher Education program.

To continue in teacher education, teacher candidates must maintain a cumulative GPA of 2.75 and a grade of C or better in all education courses. Students who fall below minimum requirements will not be able to continue in the Teacher Education program until the requirements are again met. You should confer with your advisors and or the chair of the school of education to develop a plan to meet all teacher education requirements.

Disposition assessments are completed for all candidates enrolled in professional education courses each semester. The candidates are assessed using an instrument: PACE (Professional and Character Excellence) Assessment

Demonstrates preparation including positive and enthusiastic participation. Meet deadlines, works independently, and aims toward excellence

Demonstrates a Christian professional attitude with peers and School of Education personnel. The rating is conducted using the standard School of Education rubric.

STEP 2: ADMISSION TO STUDENT TEACHING

Requirements for admission to student teaching are:

- Admission to Teacher Education.
- 95 semester hours of credit.
- Passing score on Oklahoma General Education Test (OGET).
- Passing score on the appropriate Oklahoma Subject Area Test (OSAT).
- Overall GPA of 2.75.
- GPA of 3.00 in major.
- Completion of two-thirds of major hours (All courses in the major must be completed before student teaching begins.)
- Recommendation of major department.
- Recommendation of the Office of Student Life.
- Satisfactory completion of all field experiences.
- Fulfillment of the requirements for a foreign language, other than English, at the novice high level for listening and speaking. This requirement may be met by two years of the same foreign language in high school with a grade of "C" or better, or three hours of college credit in a foreign language with a grade of "C" or better.
- Satisfactory portfolio review.
- Approval of the Teacher Education Council.

STUDENT TEACHING

See "Teacher Education Handbook" and "Field Experiences Handbook" for guidelines, procedures, and requirements.

STATE REQUIRED TESTS

All candidates for an Oklahoma teaching license must pass three exams: There are fees associated with each state test. Oklahoma General Education Test (OGET), Oklahoma State Subject Area Test (OSAT), Oklahoma Professional Teaching Exam (OPTE). For testing information visit www.ceoenesinc.com.

STEP 3: APPROVAL FOR CERTIFICATION

To be recommended for a certificate, the applicant must complete student teaching and the appropriate Oklahoma Professional Teaching Exam (OPTE). After the teacher candidate has completed all requirements for graduation and certification, the candidate will create an account with the State Department of Education. The School of Education at Oklahoma Christian will alert the state department that all requirements have been met for certification.

B.S.E. DEGREE IN EARLY CHILDHOOD EDUCATION - 60 HOURS WITH 3 HOURS USED IN CORE; PROFESSIONAL EDUCATION MINOR INCLUDED

An OC graduate with a Bachelor of Science in Education degree will:

1. Show that he or she has acquired competency in a broad general education through study in the liberal arts by successfully completing the university core curriculum and passing the Oklahoma General Education Test (OGET).
2. Demonstrate an in-depth knowledge of the subject matter for the subject and level to be taught by achieving a 3.00 GPA in the major field and passing the Oklahoma Subject Area Test (OSAT) appropriate to the major field.
3. Demonstrate that he or she has acquired the knowledge, skills, and dispositions appropriate for initial entry into the profession of teaching by completing a specified curriculum in professional education courses with no grades below a grade of C, passing the Oklahoma Professional Teacher Education Exam (OPTE), and receiving average ratings of Proficient on the Formative and Summative assessments in student teaching.

Student must complete a minimum of 126 hours including the major, core, and minor if required. Elective hours may be needed to reach 126 hours.

35 HOURS EDUCATION

ECED-3013	Nature and Characteristics of Early Childhood
ECED-4013	Cognitive Skills
ECED-4013P	Cognitive Skills Practicum
ECED-4023	Topics in Early Childhood
ECED-4111	Early Childhood Practicum
ELEM-3023	Emergent Literacy
ELEM-3233	Primary Reading
ELEM-3233P	Primary Reading Practicum
ELEM-3323	Movement and Fine Arts
ELEM-3332	Elementary Language Arts
ELEM-3632	Social Studies for the Primary Child
ELEM-3733	Mathematics for the Primary Child
ELEM-3832	Science for the Primary Child
ELEM-3900P	Primary Practicum
ELEM-4544	Strategies for Reading Assessment
PSYC-3523	Developmental Psychology

Note: Practicum courses (P) do not affect the GPA and do not add to the semester course load. Grades earned in practicum courses reflect candidate performance in public school classrooms.

48 HOURS GENERAL EDUCATION

Communication	12 hours
Mathematics	12 hours
Science	12 hours
Social Studies	12 hours

University core courses apply to these requirements.

25 HOURS PROFESSIONAL EDUCATION

EDUC-3121	Orientation to Teacher Education
EDUC-3122	The School in American Culture
EDUC-3213	Learning, Instruction and Assessment
EDUC-3422	Educational Technology
EDUC-3723	Education of the Exceptional Child
EDUC-4013	Human Relations and Behavior Management
EDUC-4131	Applied Instruction and Assessment
EDUC-4132	Critical Issues in Education
EDUC-4618	Student Teaching in the Elementary School

FOREIGN LANGUAGE COMPETENCY, CHOOSE ONE:-

High School Foreign Language – 2 years of same language with a grade of "C" or better

University credit – 3 hours foreign language or American Sign Language with a grade of "C" or better.

UNIVERSITY CORE CURRICULUM: B.S.E. - 55 HOURS - COURSES MAY NOT BE REPEATED WITHIN CORE

COMMUNICATION, 9 HOURS

ENGL-1113	English Composition I
ENGL-1213	English Composition II
COMM-1213	Oral Communication

MATHEMATICS, 3 HOURS

MATH-1213	College Algebra

REQUIRED BIBLE, 8 HOURS

BIBL-1112	The Christian Scholar
BIBL-1312	Life of the Early Church: Acts
BIBL-2202	Story of the Old Testament
BIBL-2302	Story of the New Testament

BIBLE ELECTIVE, 5 HOURS

5 hours of Bible courses, except Missions Experience

CAPSTONE, 3 HOURS

BIBL-4523	Capstone: Christ and His World

POLITICAL SCIENCE, 3 HOURS

POLS-2113	Introduction to American Politics

AMERICAN HISTORY, 3 HOURS

HIST-1223	Turning Points in U.S. History

GREAT WORKS, 3 HOURS

ENGL-2213	Perspectives in Literature

SCIENCE, 6 HOURS

PSYCHOLOGY, 6 HOURS

PSYC-1113	General Psychology I
PSYC-3523	Developmental Psychology

LIBERAL ARTS, 6 HOURS CHOSEN FROM

6 hours (as approved by the department)
English, Fine Arts, History, Math, Science

*For more information on how to apply the study abroad trips to the core curriculum see page # 25

B.S.E. DEGREE IN ELEMENTARY EDUCATION - 60 HOURS WITH 3 HOURS USED IN CORE; PROFESSIONAL EDUCATION MINOR INCLUDED

An OC graduate with a Bachelor of Science in Education degree will:

1. Show that he or she has acquired competency in a broad general education through study in the liberal arts by successfully completing the university core curriculum and passing the Oklahoma General Education Test (OGET).
2. Demonstrate an in-depth knowledge of the subject matter for the subject and level to be taught by achieving a 3.00 GPA in the major field and passing the Oklahoma Subject Area Test (OSAT) appropriate to the major field.
3. Demonstrate that he or she has acquired the knowledge, skills, and dispositions appropriate for initial entry into the profession of teaching by completing a specified curriculum in professional education courses with no grades below a grade of C, passing the Oklahoma Professional Teacher Education Exam (OPTE), and receiving average ratings of Proficient on the Formative and Summative assessments in student teaching.

Student must complete a minimum of 126 hours including the major, core, and minor if required. Elective hours may be needed to reach 126 hours.

35 HOURS EDUCATION

ELEM-3023	Emergent Literacy
ELEM-3233	Primary Reading
ELEM-3233P	Primary Reading Practicum
ELEM-3323	Movement and Fine Arts
ELEM-3332	Elementary Language Arts
ELEM-3632	Social Studies for Primary Students
ELEM-3733	Mathematics for Primary Students
ELEM-3832	Science for Primary Students
ELEM-3900P	Primary Practicum
ELEM-4242	Social Studies for Intermediate Students
ELEM-4342	Mathematics for Intermediate Students
ELEM-4433	Intermediate Reading
ELEM-4443	Science for Intermediate Students
ELEM-4544	Strategies for Reading Assessment
ELEM-4900P	Intermediate Practicum
PSYC-3523	Developmental Psychology

Note: Practicum courses (P) do not affect the GPA and do not add to the semester course load. Grades earned in practicum courses reflect candidate performance in public school classrooms.

48 HOURS GENERAL EDUCATION

Communication	12 hours
Mathematics	12 hours
Science	12 hours
Social Studies	12 hours

University core courses apply to these requirements

25 HOURS PROFESSIONAL EDUCATION MINOR

EDUC-3121	Orientation to Teacher Education
EDUC-3122	The School in American Culture
EDUC-3213	Learning, Instruction and Assessment
EDUC-3422	Educational Technology
EDUC-3723	Education of the Exceptional Child
EDUC-4013	Human Relations and Behavior Management
EDUC-4131	Applied Instruction and Assessment
EDUC-4132	Critical Issues in Education
EDUC-4618	Student Teaching in the Elementary School

FOREIGN LANGUAGE COMPETENCY

Options: choose one:

High School Foreign Language – 2 years of same language with a grade of "C" or better

University credit – 3 hours foreign language or American Sign Language with a grade of "C" or better.

UNIVERSITY CORE CURRICULUM: B.S.E. - 55 HOURS - COURSES MAY NOT BE REPEATED WITHIN CORE

COMMUNICATION, 9 HOURS

ENGL-1113	English Composition I
ENGL-1213	English Composition II
COMM-1213	Oral Communication

MATHEMATICS, 3 HOURS

MATH-1213	College Algebra

REQUIRED BIBLE, 8 HOURS

BIBL-1112	The Christian Scholar
BIBL-1312	Life of the Early Church: Acts
BIBL-2202	Story of the Old Testament
BIBL-2302	Story of the New Testament

BIBLE ELECTIVE, 5 HOURS

5 hours of Bible courses, except Missions Experience

CAPSTONE, 3 HOURS

BIBL-4523	Capstone: Christ and His World

POLITICAL SCIENCE, 3 HOURS

POLS-2113	Introduction to American Politics

AMERICAN HISTORY, 3 HOURS

HIST-1223	Turning Points in U.S. History

GREAT WORKS, 3 HOURS

ENGL-2213	Perspectives in Literature

SCIENCE, 6 HOURS

PSYCHOLOGY, 6 HOURS

PSYC-1113	General Psychology I
PSYC-3523	Developmental Psychology

LIBERAL ARTS, 6 HOURS CHOSEN FROM

6 hours (as approved by the department)
English, Fine Arts, History, Math, Science

*For more information on how to apply the study abroad trips to the core curriculum see page # 25

DEPARTMENT OF
PHYSICAL EDUCATION

AREAS OF STUDY
Physical Education (PHED)

DEGREES OFFERED
B.S. Degree in Sport and Wellness and Recreational Management

MINORS
Professional Education (included with each B.S.E. degree)
Physical Education

FACULTY
Randy Heath, M.Ed., Interim Department Chair of Physical Education, Professor of Physical Education
Stephanie Findley, M.Ed., Associate Professor of Physical Education
Dan Hays, M.S., M.Ed., Professor of Physical Education

LOCATION
Payne Athletic Center

DEAN
Phillip V. Lewis, Ed.D., Dean of the College of Professional Studies, Professor of Management

Dean's Office
Harvey Business Center, Room 101

B.S. DEGREE IN SPORT, WELLNESS, AND RECREATION MANAGEMENT 56 HOURS

This degree is designed for students who are preparing to work in sports, wellness, fitness, and recreational professions. The major emphasizes the role of sport, wellness and recreation in the work environment as well as each student's individual life.

An OC graduate with a Bachelor of Science degree will:
1. Demonstrate a thorough knowledge of the foundational principles of sports, wellness, and recreation and be able to apply these principles to specific work environments.
2. Exhibit the ability to adapt to new and changing job environments and to work independently.
3. Work effectively with others in a team environment, including being a good leader as well as supporting the group leader.
4. Possess a working knowledge of advanced certification training opportunities in sport, wellness, and recreation management.
5. Demonstrate a thorough knowledge of the liberal arts, and an ability to think, act, and communicate from a Christian worldview in all areas of life.

Student must complete a minimum of 126 hours including the major, core, and minor if required. Elective hours may be needed to reach 126 hours.

12 HOURS FOUNDATION COURSES

MGMT-3113	Principles of Management
PHED-1113	Introduction to Sport, Wellness, Recreation Management
PHED-4113	Organization and Administration of Sport Wellness, and Recreation Management
PHED-4613	Capstone Skills

15 HOURS SPORT

PHED-3232	Theory of Coaching Basketball
PHED-3242	Theory of Coaching Volleyball
PHED-3252	Theory of Coaching Baseball and Softball
PHED-3262	Theory of Coaching Track and Field
PHED-3272	Theory of Coaching Tennis and Golf
PHED-3282	Theory of Coaching Soccer
PHED-3293	Coaching Ethics and Sports Psychology

15 HOURS WELLNESS

BIOL-2033	Nutrition
PHED-2312	First Aid
PHED-2412	Care and Prevention of Athletic Injuries
PHED-2512	Wellness Concepts
PHED-3113	Kinesiology
PHED-4323	Physiology of Sport and Exercise

14 HOURS RECREATION

PHED-2612	Sports Officiating
PHED-2702	Sports Lab I
PHED-2712	Sports Lab II
PHED-2722	Sports Lab II
PHED-4123	Recreational Leadership and Youth Sports
PHED-4513	Recreation for the Disabled

UNIVERSITY CORE CURRICULUM: B.S. - 55 HOURS - COURSES MAY NOT BE REPEATED WITHIN CORE

COMMUNICATION, 9 HOURS

ENGL-1113	English Composition I
ENGL-1213	English Composition II
COMM-1213	Oral Communication

MATHEMATICS, 3 HOURS

MATH-1213	College Algebra

REQUIRED BIBLE, 8 HOURS

BIBL-1112	The Christian Scholar
BIBL-1312	Life of the Early Church: Acts
BIBL-2202	Story of the Old Testament
BIBL-2302	Story of the New Testament

BIBLE ELECTIVE, 5 HOURS
5 hours of Bible courses, except Missions Experience

CAPSTONE, 3 HOURS

BIBL-4523	Capstone: Christ and His World

POLITICAL SCIENCE, 3 HOURS

POLS-2113	Introduction to American Politics

AMERICAN HISTORY, 3 HOURS

HIST-1223	Turning Points in U.S. History

GREAT WORKS, 3 HOURS
should include literature

ARTS-2013	Survey of Visual Culture
ARTS-2423	History of Photography & Motion Pictures
COMM-2023	History of Theater I
COMM-2033	History of Theater II
ENGL-2213	Perspectives in Literature
MUSC-2013	Music Appreciation
MUSC-3213	Perspectives in World Music

SCIENCE, 6 HOURS

CHOOSE 4 OF THE FOLLOWING 5 AREAS:

BEHAVIOR SCIENCE, 3 HOURS

PSYC-1113	General Psychology I

GREAT WORKS, ADDITIONAL, 3 HOURS
see list of courses to the left

WESTERN CIVILIZATION, 3 HOURS

HIST-2923	Perspectives in Western Civilization

NON-WESTERN CIVILIZATION, 3 HOURS

GEOG-2213	World Regional Geography
HIST-2613	The Modern Middle East
MISS-3513	World Religions
MISS-3673	New Religious Movements
MISS-3613	Cultural Anthropology
MUSC-3213	Perspectives in World Music

LIBERAL ARTS 3 HOURS
3 hours from any Liberal Arts area.

*For more information on how to apply the study abroad trips to the core curriculum see page # 25

SCHOOL OF ENGINEERING

Department of Mathematical, Computer & Information Sciences
Department of Computer and Electrical Engineering
Department of Mechanical Engineering

DEPARTMENT OF
MATHEMATICAL, COMPUTER, & INFORMATION SCIENCES

AREAS OF STUDY
Computer Science (CMSC)
Information Systems (INFO)
Mathematics (MATH)

DEGREES OFFERED
B.S. Degree in Computer Science
B.S. Degree in Computer Science with Gaming and Animation
B.S. Degree in Information Systems
B.S. Degree in Mathematics
B.S. Degree in Mathematics/Computer Science
B.S.E. Degree in Mathematics Education

MINORS
Computer Science
Information Systems
Mathematics

FACULTY
Don Leftwich, M.A., Department Chair, Associate Professor of Mathematics and Computer and Information Sciences
Jennifer Bryan, Ph.D., Associate Professor of Mathematics
Ralph DeBoard, M.S., Associate Professor of Mathematics and Computer Sciences
T. Ray Hamlett, Ph.D., Professor of Mathematics
Andy Harbert, M.S., Assistant Professor of Computer and information Sciences
Paul Howard, M.S., Ph.D. candidate, Associate Professor of Mathematics
Craig Johnson, Ph.D., Professor of Mathematics
Monica Muza, M.S., Ph.D. candidate, Instructor of Mathematics
Lindsay Prugh, M.S., Ph.D. candidate, Assistant Professor of Mathematics

LOCATION
Prince Engineering Center
Herold Science Hall

DEAN
Phillip V. Lewis, Ed.D., Dean of the College of Professional Studies, Professor of Management

Dean's Office
Harvey Business Center, Room 101

B.S. DEGREE IN COMPUTER SCIENCE
74 HOURS

An OC graduate with a Bachelor of Science degree in Computer Science will:

1. Recognize the ethical and appropriate use of technology, and apply the theories and principles of Computer Science to effectively solve problems in a timely and cost-effective manner.
2. Exhibit the ability to adapt to new environments, apply research methodologies, and to learn independently.
3. Work effectively in a team environment, including the ability to describe complex ideas and logical arguments in a clear, concise manner using both written and oral communication.
4. Demonstrate a thorough knowledge of the liberal arts, and an ability to think, act, and communicate from a Christian worldview in all areas of life.

Student must complete a minimum of 126 hours including the major, core, and minor if required. Elective hours may be needed to reach 126 hours.

24 HOURS LOWER DIVISION COURSES

CMSC-1003	Introduction to Information Technology
CMSC-1113	Programming I
CMSC-1123	Programming II
CMSC-2133	Object Oriented Programming
CMSC-2413	Assembly Language
CMSC-2423	File Processing
MATH-1623	Introduction to Discrete Mathematics
MATH-2913	Statistical Methods

7 HOURS UPPER DIVISION COURSES

CMSC-3243	Computers and Society
CMSC-3443	Computer Organization and Architecture
CMSC-4811	Seminar in Computer Science

3 HOURS CHOSEN FROM

COMM-3113	Business and Professional Communication
	or
ENGL-3493	Technical Writing

11 HOURS MATHEMATICS

MATH-2114	Calculus I with Analytical Geometry
MATH-2214	Calculus II with Analytical Geometry
MATH-3513	Linear Algebra

18 HOURS COMPUTER SCIENCE

CMSC-3233	Data Structures and Algorithm Analysis
CMSC-3423	Introduction to Computer Graphics
CMSC-4413	Operating Systems
CMSC-4223	Introduction to Computer Simulation
CMSC-4513	Programming Languages
CMSC-4713	Artificial Intelligence

2 HOURS LANGUAGE

CMSC-2222	LISP
CMSC-2232	Prolog
CMSC-2242	FORTRAN
CMSC-2252	Ada
CMSC-2262	Java
CMSC-2292	SmallTalk
CMSC-2302	Perl
CMSC-2332	C #
CMSC-2352	Ruby on Rails

9 HOURS ANY 3000/4000 COMPUTER SCIENCE NOT USED ABOVE

UNIVERSITY CORE CURRICULUM:
B.S. - 55 HOURS - COURSES MAY NOT BE REPEATED WITHIN CORE

COMMUNICATION, 9 HOURS

ENGL-1113	English Composition I
ENGL-1213	English Composition II
COMM-1213	Oral Communication

MATHEMATICS, 3 HOURS

MATH-1213	College Algebra

REQUIRED BIBLE, 8 HOURS

BIBL-1112	The Christian Scholar
BIBL-1312	Life of the Early Church: Acts
BIBL-2202	Story of the Old Testament
BIBL-2302	Story of the New Testament

BIBLE ELECTIVE, 5 HOURS
5 hours of Bible courses, except Missions Experience

CAPSTONE, 3 HOURS

BIBL-4523	Capstone: Christ and His World

POLITICAL SCIENCE, 3 HOURS

POLS-2113	Introduction to American Politics

AMERICAN HISTORY, 3 HOURS

HIST-1223	Turning Points in U.S. History

GREAT WORKS, 3 HOURS
should include literature

ARTS-2013	Survey of Visual Culture
ARTS-2423	History of Photography & Motion Pictures
COMM-2023	History of Theater I
COMM-2033	History of Theater II
ENGL-2213	Perspectives in Literature
MUSC-2013	Music Appreciation
MUSC-3213	Perspectives in World Music

SCIENCE, 6 HOURS

BEHAVIOR SCIENCE, 3 HOURS
3 hrs from Family studies, fine arts, french, german, history, japanese, political science, psychology, or spanish

LIBERAL ARTS 9 HOURS
9 hours from any Liberal Arts area.

*For more information on how to apply the study abroad trips to the core curriculum see page # 25

B.S. DEGREE IN COMPUTER SCIENCE WITH GAMING AND ANIMATION 84 HOURS

An OC graduate with a Bachelor of Science degree in Computer Science with Gaming and Animation will:

1. Recognize the ethical and appropriate use of technology, and apply the theories and principles of Computer Science to effectively solve problems in a timely and cost-effective manner.
2. Exhibit the ability to adapt to new environments, apply research methodologies, and to learn independently.
3. Work effectively in a team environment, including the ability to describe complex ideas and logical arguments in a clear, concise manner using both written and oral communication.
4. Demonstrate understanding of the game development process, including asset creation and modeling, game design, animation, and software development using at least one contemporary game engine application programming interface.
5. Demonstrate a thorough knowledge of the liberal arts, and an ability to think, act, and communicate from a Christian worldview in all areas of life.

Student must complete a minimum of 126 hours including the major, core, and minor if required. Elective hours may be needed to reach 126 hours.

24 HOURS LOWER DIVISION COURSES

CMSC-1003	Introduction to Information Technology
CMSC-1113	Programming I
CMSC-1123	Programming II
CMSC-2133	Object Oriented Programming
CMSC-2413	Assembly Language
CMSC-2423	File Processing
MATH-1623	Introduction to Discrete Mathematics
MATH-2913	Statistical Methods

7 HOURS UPPER DIVISION COURSES

CMSC-3243	Computers and Society
CMSC-3443	Computer Organization and Architecture
CMSC-4811	Seminar in Computer Science

3 HOURS CHOSEN FROM

COMM-3113	Business and Professional Communication
	or
ENGL-3493	Technical Writing

15 HOURS GAMING AND ANIMATION

ARTS-2743	3d Modeling and Animation I
ARTS-3163	Animation Principles and Practices
ARTS-3393	History of Gaming and Animation
ARTS-3453	Team Game Production I
CMSC-2923	Game Programming

27 HOURS COMPUTER SCIENCE CHOSEN FROM

CMSC-3233	Data Structures and Algorithm Analysis
CMSC-3423	Introduction to Computer Graphics
CMSC-4103	Data Communications & Networking
CMSC-4123	Software Tools
CMSC-4213	System Analysis and Design
CMSC-4223	Introduction to Computer Simulation
CMSC-4323	Database Processing
CMSC-4413	Operating Systems
CMSC-4513	Programming Languages
CMSC-4713	Artificial Intelligence

2 HOURS LANGUAGE CHOSEN FROM

CMSC-2222	LISP
CMSC-2232	Prolog
CMSC-2242	FORTRAN
CMSC-2252	Ada
CMSC-2262	Java
CMSC-2292	SmallTalk
CMSC-2302	Perl
CMSC-2332	C #
CMSC-2352	Ruby on Rails

6 HOURS, CHOSEN FROM

MATH-2114	Calculus I
MATH-2214	Calculus II
MATH-2314	Calculus III
MATH-3513	Linear Algebra
ACCT-2113	Accounting Principles I
ACCT-2213	Accounting Principles II

Any course from FINC, MGMT, MKTG, or INFO number 3000 or above
Any physics course
Any upper level computer science course not already used

UNIVERSITY CORE CURRICULUM: B.S. - 55 HOURS - COURSES MAY NOT BE REPEATED WITHIN CORE

COMMUNICATION, 9 HOURS

ENGL-1113	English Composition I
ENGL-1213	English Composition II
COMM-1213	Oral Communication

MATHEMATICS, 3 HOURS

MATH-1213	College Algebra

REQUIRED BIBLE, 8 HOURS

BIBL-1112	The Christian Scholar
BIBL-1312	Life of the Early Church: Acts
BIBL-2202	Story of the Old Testament
BIBL-2302	Story of the New Testament

BIBLE ELECTIVE, 5 HOURS
5 hours of Bible courses, except Missions Experience

CAPSTONE, 3 HOURS

BIBL-4523	Capstone: Christ and His World

POLITICAL SCIENCE, 3 HOURS

POLS-2113	Introduction to American Politics

AMERICAN HISTORY, 3 HOURS

HIST-1223	Turning Points in U.S. History

GREAT WORKS, 3 HOURS
should include literature

ARTS-2013	Survey of Visual Culture
ARTS-2423	History of Photography & Motion Pictures
COMM-2023	History of Theater I
COMM-2033	History of Theater II
ENGL-2213	Perspectives in Literature
MUSC-2013	Music Appreciation
MUSC-3213	Perspectives in World Music

SCIENCE, 6 HOURS

BEHAVIOR SCIENCE, 3 HOURS
3 hrs from Family studies, fine arts, french, german, history, japanese, political science, psychology, or spanish

LIBERAL ARTS 9 HOURS
9 hours from any Liberal Arts area.

*For more information on how to apply the study abroad trips to the core curriculum see page # 25

B.S. DEGREE IN INFORMATION SYSTEMS
75 HOURS

An OC graduate with a Bachelor of Science degree in Information Systems will:

1. Apply essential financial, management, and marketing principles to effectively solve problems in a timely and cost-effective manner.
2. Recognize the ethical and appropriate use of technology to improve the business processes of an organization.
3. Exhibit the ability to adapt to new environments, apply research methodologies, and to learn independently.
4. Work effectively in a team environment, including the ability to describe complex ideas and logical arguments in a clear, concise manner using both written and oral communication.
5. Demonstrate a thorough knowledge of the liberal arts, and an ability to think, act, and communicate from a Christian worldview in all areas of life.

Student must complete a minimum of 126 hours including the major, core, and minor if required. Elective hours may be needed to reach 126 hours.

24 HOURS LOWER DIVISION COURSES

CMSC-1003	Introduction to Information Technology
CMSC-1113	Programming I
CMSC-1123	Programming II
CMSC-2133	Object Oriented Programming
CMSC-2413	Introduction to Assembly Language
CMSC-2423	Introduction to File Processing
MATH-1623	Introduction to Discrete Mathematics
MATH-2913	Statistical Methods

7 HOURS UPPER DIVISION COURSES

CMSC-3243	Computers and Society
CMSC-3443	Computer Organization and Architecture
CMSC-4811	Seminar in Computer Science

3 HOURS CHOSEN FROM

COMM-3113	Business and Professional Communication
	or
ENGL-3493	Technical Writing

3 HOURS MATHEMATICS

MATH-1213	College Algebra

12 HOURS COMPUTER SCIENCE

CMSC-4103	Data Communications and Networking
CMSC-4123	Introduction to Software Tools
CMSC-4213	Systems Analysis and Design
CMSC-4323	Database Processing

2 HOURS OF COMPUTER LANGUAGE

6 HOURS ANY 3000/4000 COMPUTER SCIENCE NOT USED PREVIOUSLY

18 HOURS BUSINESS COURSES CHOOSE FROM

ACCT-2113	Accounting Principles I
ACCT-2213	Accounting Principles II
FINC-3313	Financial Management
INFO-3113	Principles of Electronic Business
MGMT-3113	Principles of Management
MGMT-3213	Operations Management
MKTG-3313	Principles of Marketing

UNIVERSITY CORE CURRICULUM:
B.S. - 55 HOURS - COURSES MAY NOT BE REPEATED WITHIN CORE

COMMUNICATION, 9 HOURS

ENGL-1113	English Composition I
ENGL-1213	English Composition II
COMM-1213	Oral Communication

MATHEMATICS, 3 HOURS

MATH-1213	College Algebra

REQUIRED BIBLE, 8 HOURS

BIBL-1112	The Christian Scholar
BIBL-1312	Life of the Early Church: Acts
BIBL-2202	Story of the Old Testament
BIBL-2302	Story of the New Testament

BIBLE ELECTIVE, 5 HOURS
5 hours of Bible courses, except Missions Experience

CAPSTONE, 3 HOURS

BIBL-4523	Capstone: Christ and His World

POLITICAL SCIENCE, 3 HOURS

POLS-2113	Introduction to American Politics

AMERICAN HISTORY, 3 HOURS

HIST-1223	Turning Points in U.S. History

GREAT WORKS, 3 HOURS
should include literature

ARTS-2013	Survey of Visual Culture
ARTS-2423	History of Photography & Motion Pictures
COMM-2023	History of Theater I
COMM-2033	History of Theater II
ENGL-2213	Perspectives in Literature
MUSC-2013	Music Appreciation
MUSC-3213	Perspectives in World Music

SCIENCE, 6 HOURS

BEHAVIOR SCIENCE, 3 HOURS
3 hrs from Family studies, fine arts, french, german, history, japanese, political science, psychology, or spanish

LIBERAL ARTS 9 HOURS
9 hours from any Liberal Arts area.

*For more information on how to apply the study abroad trips to the core curriculum see page # 25

B.S. DEGREE IN MATHEMATICS
52 HOURS, MINOR REQUIRED

An OC graduate with a Bachelor of Science degree in Mathematics will:

1. Demonstrate a thorough knowledge of the foundational principles of analysis, algebra and geometry and be able to use standard problem-solving methods in a variety of contexts.
2. Exhibit the ability to adapt to new environments and advances in technology, apply research methodologies, and to learn independently.
3. Work effectively with others, including the ability to describe mathematical problems, solutions, proofs and logical arguments in a clear, concise manner using both written and oral communication.
4. Demonstrate a thorough knowledge of the liberal arts, living as a person of integrity with an ability to think, act, and communicate from a Christian worldview in all areas of life.

Student must complete a minimum of 126 hours including the major, core, and minor if required. Elective hours may be needed to reach 126 hours.

15 HOURS LOWER DIVISION MATHEMATICS

MATH-2114	Calculus I with Analytical Geometry
MATH-2214	Calculus II with Analytical Geometry
MATH-2314	Calculus III
MATH-2913	Statistical Methods

16 HOURS UPPER DIVISION MATHEMATICS

MATH-3013	Differential Equations
MATH-3313	Modern Algebra I
MATH-3513	Linear Algebra
MATH-3813	Modern Geometry
MATH-4113	Probability and Statistics I
MATH-4811	Seminar in Mathematics

12 HOURS ANY 3000/4000 MATH NOT USED ABOVE

9 HOURS ELECTIVES CHOSE FROM:

Mathematics courses numbered 1213 or higher
Any computer science course
Physics courses numbered 2514 or higher

For students interested in Actuarial Science, they may complete a Mathematics Major with a Minor in Finance with suggested courses or a Finance Major with a Minor in Mathematics with suggested courses. Talk to your academic advisor for a list of suggested courses.

Mathematics Major with a concentration in Actuarial Science
For the Current Mathematics Major this would only require a Finance minor.
Finance Minor
Required Courses
ACCT 2113 – Accounting Principles I
ACCT 2213 - Accounting Principles II
BUSA 1211 – Introduction to Business
ECON 2113 – Macroeconomic Principles
FINC 3313 – Principles of Finance
Suggested elective courses: FINC 4113 – Advanced Financial Management and FINC 3513 – Money and Banking

UNIVERSITY CORE CURRICULUM:
B.S. - 55 HOURS - COURSES MAY NOT BE REPEATED WITHIN CORE

COMMUNICATION, 9 HOURS

ENGL-1113	English Composition I
ENGL-1213	English Composition II
COMM-1213	Oral Communication

MATHEMATICS, 3 HOURS

MATH-1213	College Algebra

REQUIRED BIBLE, 8 HOURS

BIBL-1112	The Christian Scholar
BIBL-1312	Life of the Early Church: Acts
BIBL-2202	Story of the Old Testament
BIBL-2302	Story of the New Testament

BIBLE ELECTIVE, 5 HOURS

5 hours of Bible courses, except Missions Experience

CAPSTONE, 3 HOURS

BIBL-4523	Capstone: Christ and His World

POLITICAL SCIENCE, 3 HOURS

POLS-2113	Introduction to American Politics

AMERICAN HISTORY, 3 HOURS

HIST-1223	Turning Points in U.S. History

GREAT WORKS, 3 HOURS

should include literature

ARTS-2013	Survey of Visual Culture
ARTS-2423	History of Photography & Motion Pictures
COMM-2023	History of Theater I
COMM-2033	History of Theater II
ENGL-2213	Perspectives in Literature
MUSC-2013	Music Appreciation
MUSC-3213	Perspectives in World Music

SCIENCE, 6 HOURS

BEHAVIOR SCIENCE, 3 HOURS

3 hrs from Family studies, fine arts, french, german, history, japanese, political science, psychology, or spanish

LIBERAL ARTS 9 HOURS

9 hours from any Liberal Arts area.

*For more information on how to apply the study abroad trips to the core curriculum see page # 25

B.S. DEGREE IN MATHEMATICS/COMPUTER SCIENCE
72 HOURS

An OC graduate with a Bachelor of Science degree in Mathematics/Computer Science will:

1. Demonstrate a thorough knowledge of the foundational principles of analysis, algebra and geometry and be able to use standard problem-solving methods in a variety of contexts.
2. Recognize the ethical and appropriate use of technology, and apply the theories and principles of Computer Science to effectively solve problems in a timely and cost-effective manner.
3. Exhibit the ability to adapt to new environments, apply research methodologies, and to learn independently.
4. Work effectively in a team environment, including the ability to describe complex ideas and logical arguments in a clear, concise manner using both written and oral communication.
5. Demonstrate a thorough knowledge of the liberal arts, and an ability to think, act, and communicate from a Christian worldview in all areas of life.

Student must complete a minimum of 126 hours including the major, core, and minor if required. Elective hours may be needed to reach 126 hours.

18 HOURS LOWER DIVISION MATHEMATICS

MATH-1623	Introduction to Discrete Mathematics
MATH-2114	Calculus I with Analytical Geometry
MATH-2214	Calculus II with Analytical Geometry
MATH-2314	Calculus III
MATH-2913	Statistical Methods

9 HOURS REQUIRED

MATH-3013	Differential Equations
MATH-3513	Linear Algebra
MATH-4113	Probability and Statistics I

12 HOURS ELECTIVE COURSES NUMBERED ABOVE 3000, INCLUDING TWO OF THE FOLLOWING

MATH-3113	Number Theory
MATH-3313	Modern Algebra I
MATH-3413	Modern Algebra II
MATH-3813	Modern Geometry

21 HOURS REQUIRED

CMSC-1003	Introduction to Information Technology
CMSC-1113	Programming I
CMSC-1123	Programming II
CMSC-2413	Introduction to Assembly Language
CMSC-2423	Introduction to File Processing
CMSC-3233	Data Structures and Algorithm Analysis
CMSC-3443	Computer Organization and Architecture

6 HOURS ANY 3000/4000 COMPUTER SCIENCE NOT USED ABOVE

5 HOURS SELECTED FROM ANY COMPUTER SCIENCE COURSES NOT USED ABOVE

1 HOUR MATHEMATICS OR COMPUTER SCIENCE SEMINAR

MATH-4811	Mathematics Seminar
	or
CMSC-4811	Computer Science Seminar

UNIVERSITY CORE CURRICULUM:
B.S. - 55 HOURS - COURSES MAY NOT BE REPEATED WITHIN CORE

COMMUNICATION, 9 HOURS

ENGL-1113	English Composition I
ENGL-1213	English Composition II
COMM-1213	Oral Communication

MATHEMATICS, 3 HOURS

MATH-1213	College Algebra

REQUIRED BIBLE, 8 HOURS

BIBL-1112	The Christian Scholar
BIBL-1312	Life of the Early Church: Acts
BIBL-2202	Story of the Old Testament
BIBL-2302	Story of the New Testament

BIBLE ELECTIVE, 5 HOURS

5 hours of Bible courses, except Missions Experience

CAPSTONE, 3 HOURS

BIBL-4523	Capstone: Christ and His World

POLITICAL SCIENCE, 3 HOURS

POLS-2113	Introduction to American Politics

AMERICAN HISTORY, 3 HOURS

HIST-1223	Turning Points in U.S. History

GREAT WORKS, 3 HOURS

should include literature

ARTS-2013	Survey of Visual Culture
ARTS-2423	History of Photography & Motion Pictures
COMM-2023	History of Theater I
COMM-2033	History of Theater II
ENGL-2213	Perspectives in Literature
MUSC-2013	Music Appreciation
MUSC-3213	Perspectives in World Music

SCIENCE, 6 HOURS

BEHAVIOR SCIENCE, 3 HOURS

3 hrs from Family studies, fine arts, french, german, history, japanese, political science, psychology, or spanish

LIBERAL ARTS 9 HOURS

9 hours from any Liberal Arts area.

*For more information on how to apply the study abroad trips to the core curriculum see page # 25

B.S.E. DEGREE IN MATHEMATICS EDUCATION
76 HOURS, PROFESSIONAL EDUCATION MINOR INCLUDED

An OC graduate with a Bachelor of Science in Education degree in Mathematics will:

1. Demonstrate a thorough knowledge of the foundational principles of analysis, algebra and geometry and be able to use standard problem-solving methods in a variety of contexts.
2. Exhibit the ability to adapt to new environments and advances in technology, apply research methodologies, and to learn independently.
3. Work effectively with others, including the ability to describe mathematical problems, solutions, proofs and logical arguments in a clear, concise manner using both written and oral communication.
4. Possess a working knowledge of sound and current pedagogical techniques for the teaching of mathematics at the secondary level.
5. Demonstrate a thorough knowledge of the liberal arts, living as a person of integrity with an ability to think, act, and communicate from a Christian worldview in all areas of life.

Student must complete a minimum of 126 hours including the major, core, and minor if required. Elective hours may be needed to reach 126 hours.

34 HOURS REQUIRED

MATH-1623	Discrete Mathematics
MATH-2114	Calculus I with Analytical Geometry
MATH-2214	Calculus II with Analytical Geometry
MATH-2314	Calculus III
MATH-2913	Statistical Methods
MATH-3123	Mathematical Modeling and Strategies for Secondary Teachers
MATH-3313	Modern Algebra I
MATH-3513	Linear Algebra
MATH-3813	Modern Geometry
MATH-4113	Probability and Statistics I
MATH-4811	Mathematics Seminar

3 HOURS CHOSEN FROM ANY 3000-4000 LEVEL MATHEMATICS COURSE

3 HOURS REQUIRED

CMSC-1113	Programming I

3 HOURS ELECTIVES CHOSEN FROM

CMSC-1003	Introduction to Information Technology
CMSC-1123	Programming II

LICENSURE: MATHEMATICS – GRADES 6-12

PROFESSIONAL EDUCATION, 25 SEMESTER HOURS

EDUC-3121	Orientation to Teacher Education
EDUC-3122	The School in American Culture
EDUC-3213	Learning, Instruction and Assessment
EDUC-3422	Educational Technology
EDUC-3723	Education of the Exceptional Child
EDUC-4013	Human Relations and Behavior Management
EDUC-4131	Applied Instructional and Assessment Strategies
EDUC-4132	Critical Issues in Education
EDUC-4718	Student Teaching in the Secondary Schools

5 HOURS OTHER COURSES

EDUC-4112	Reading in the Content Areas
PSYC-3523	Developmental Psychology

METHODS COURSE, 3 HOURS

EDUC-4463	Methods of Teaching Mathematics in Secondary Schools

FOREIGN LANGUAGE COMPETENCY

Choose one:

High School Foreign Language – 2 years of same language with a grade of "C" or better

University credit – 3 hours foreign language or American Sign Language with a grade of "C" or better.

UNIVERSITY CORE CURRICULUM:
B.S.E. - 55 HOURS - COURSES MAY NOT BE REPEATED WITHIN CORE

COMMUNICATION, 9 HOURS

ENGL-1113	English Composition I
ENGL-1213	English Composition II
COMM-1213	Oral Communication

MATHEMATICS, 3 HOURS

MATH-1213	College Algebra

REQUIRED BIBLE, 8 HOURS

BIBL-1112	The Christian Scholar
BIBL-1312	Life of the Early Church: Acts
BIBL-2202	Story of the Old Testament
BIBL-2302	Story of the New Testament

BIBLE ELECTIVE, 5 HOURS

5 hours of Bible courses, except Missions Experience

CAPSTONE, 3 HOURS

BIBL-4523	Capstone: Christ and His World

POLITICAL SCIENCE, 3 HOURS

POLS-2113	Introduction to American Politics

AMERICAN HISTORY, 3 HOURS

HIST-1223	Turning Points in U.S. History

GREAT WORKS, 3 HOURS

ENGL-2213	Perspectives in Literature

SCIENCE, 6 HOURS

BEHAVIORAL SCIENCE, 6 HOURS

PSYC-1113	General Psychology I
PSYC-3523	Developmental Psychology

LIBERAL ARTS, 6 HOURS

6 hours from English, Fine Arts, History, Math or Science as approved by the department

*For more information on how to apply the study abroad trips to the core curriculum see page # 25

DEPARTMENT OF
ELECTRICAL & COMPUTER ENGINEERING

AREAS OF STUDY
Computer Engineering
Electrical Engineering

DEGREES OFFERED
B.S.C.E. Degree in Computer Engineering
B.S.E.E. Degree in Electrical Engineering

MINORS
Engineering Minor

FACULTY
Jeffrey Bigelow, Ph.D., Department Chair, Professor of Electrical and Computer Engineering
Kenneth Bell, M.S., Assistant Professor of Electrical and Computer Engineering
Steve Maher, M.S., Associate Professor of Electrical and Computer Engineering
Pat Smith, M.S., Associate Professor of Electrical and Computer Engineering
David Waldo, Ph.D., Professor of Electrical and Computer Engineering
W. Joe Watson, M.S.E.E., P.E., Professor of Electrical and Computer Engineering

LOCATION
Prince Engineering Center
Herold Science Hall

DEAN
Phillip V. Lewis, Ed.D., Dean of the College of Professional Studies, Professor of Management

Dean's Office
Harvey Business Center, Room 101

ACADEMIC POLICIES

PROGRAM REQUIREMENTS
Beyond the common university requirements for all baccalaureate degrees, the following criteria must be met to graduate with a degree in engineering:

To declare an computer, electrical engineering as a major you must either have a math sub score on the ACT of at least 23 (or equivalent), or have successfully completed MATH-1213 with a "C" or better.

You must complete all prerequisites to ENGR, CENG, ELEC, and MECH courses with a grade of "C" or better.

You must maintain a 2.0 minimum major GPA (i.e. the GPA computed excluding core curriculum courses).

You must complete all departmental assessments.

TRANSFERRING POLICY:
OC Engineering welcomes transfer students and will work on an individual basis to match the maximum amount of previous course work with OC graduation requirements without compromising the strength and value of an OC Engineering degree. To assure that transfer credits meet departmental objectives and engineering accreditation standards, the Departments of Electrical and Computer Engineering uses the following guidelines and process: Students transferring into OC Engineering should submit their official transcripts to the Office of the Registrar for evaluation at least six weeks prior to the beginning of their first semester in OC Engineering.

All transfer credit is subject to individual evaluation at the discretion of the departments.
The departments will generally allow appropriate mathematics and science courses to count towards the required 32 hours of mathematics and science, even if there is not a one-to-one correspondence between courses. Likewise, the departments will generally allow appropriate engineering and computer science courses to count towards the total number of required hours in engineering and computer science.

Mathematics, science, computer science, and lower level (1000 and 2000-level) engineering science course credits must come from regionally accredited colleges and universities offering courses designed to provide background for baccalaureate degrees.

Upper-division (3000 and 4000-level) engineering credits must come from institutions offering ABET-accredited engineering programs.
Courses completed at international colleges and universities where accreditation is not available will be evaluated on an individual basis.
Courses from within a technology curriculum do not transfer.

Transfer credits with grades of less than a C will not count towards the engineering degree requirements.

ADMITTANCE INTO COMPUTER OR ELECTRICAL ENGINEERING STUDIES
The upper-division computer engineering and electrical engineering courses (ELEC and CENG courses) at OC require a mastery of foundational material contained in the first two years of the degree plans. Therefore, the Department of Computer and Electrical Engineering has set forth the following policies for Admittance into Computer or Electrical Engineering Studies:

To be admitted, you must be currently enrolled in or have attained a grade of "C" or better in the required math, science, lower-division computer science and lower-division engineering science coursework for your program.

The department will communicate to those who meet the requirement before the pre-enrollment period of each spring semester (typically while in ENGR-2614 Electrical Circuit Analysis).

Admittance is conditional upon successively completing the in-progress courses with a grade of "C" or better.

Once admitted, you may take any ELEC or CENG course for which you have met the pre-requisites with a grade of "C" or better.

Those that do not meet admittance requirements may petition the department chair and advisor to be allowed to take CENG or ELEC courses. In these cases, the ECE faculty will decide upon a remediation plan for the following year to allow the student to take a subset of CENG and ELEC courses while fulfilling the missing requirements. The student should note that failure to meet admittance requirements during the first two years will require additional time and/or hours to complete the EE or CE degree. Those that complete the requirements at a later time may petition the department chair and advisor to be reconsidered.

B.S.C.E. DEGREE IN COMPUTER ENGINEERING
94 HOURS

The Computer Engineering program is accredited by the Engineering Accreditation Commission of ABET, 111 Market Place, Suite 1050, Baltimore, MD 21202-4012, telephone, (410) 347-7700.

Program Educational Objectives:
The Department of Electrical and Computer Engineering considers its primary constituents to be threefold: industry, students who value an engineering education at a Christian university, and parents of these students. Working with these constituents, we have set the following Program Educational Objectives:

OC graduates with an Computer or Electrical Engineering degree will use the talents God has given them to make a difference through:
1. Enjoying a successful career characterized by contributing effectively and adding value to the engineering process, functioning well in the workplace as an integral member of a team, and keeping technically current and adaptive to changes in the workplace
2. Internalizing a personal faith in God that is exhibited by consistent ethical behavior based on Christian principles, an exemplary work ethic consistent with their Christian worldview and a stable life that balances career, family, church and community.

Student must complete a minimum of 126 hours including the major, core, and minor if required. Elective hours may be needed to reach 126 hours.

24 HOURS MATHEMATICS

MATH-2114	Calculus I with Analytical Geometry
MATH-2214	Calculus II with Analytical Geometry
MATH-2314	Calculus III
MATH-3013	Differential Equations
ENGR-1113	Engineering Mathematics
ENGR-2113	ECE Mathematics I
ENGR-2123	ECE Mathematics II

8 HOURS SCIENCE

PHYS-2514	Physics I
PHYS-2614	Physics II

29 HOURS ENGINEERING AND COMPUTER SCIENCE

CMSC-1113	Programming I
CMSC-1123	Programming II
CMSC-2133	Object-Oriented Programming
CMSC-4413	Operating Systems
ENGR-1111	Introduction to Engineering
ENGR-1122	Engineering Computing
ENGR-1242	Engineering Fundamentals
ENGR-2544	Introduction to Digital Systems
ENGR-2614	Electrical Circuit Analysis
ENGR-2700	Christian Engineer Seminar
ENGR-3213	Engineering Economics
ENGR-4701	Senior Engineering Seminar

27 HOURS COMPUTER AND ELECTRICAL ENGINEERING

CENG-3113	Data Communications
CENG-3203	Intro to Microprocessors
CENG-3213	Computer Systems
CENG-3223	Embedded Systems Design
CENG-4732	Systems Design I
CENG-4743	Systems Design II
CENG-4753	Systems Design III
ELEC-3313	Electronics
ELEC-3504	Signals and Systems

6 HOURS MINIMUM ELECTIVES

CENG-4113	Network Systems Design
CENG-4233	Advanced Computer Architecture
CENG-4303	Integrated Circuit Design
CENG-4813	Special Topics
ELEC-3123	Communications Systems
ELEC-3303	Intro to Electronics
ELEC-3523	Digital Signal Processing
ELEC-3613	Electromagnetic Fields
ELEC-4423	Control Systems
ELEC-4523	Real Time Signal Processing
MECH-4133	Dynamic Systems and Control

WITH AT LEAST ONE OF THESE BEING A COMPUTER ENGINEERING DEPTH COURSE

CENG-4113	Network Systems Design
CENG-4233	Advanced Computer Architecture
CENG-4303	HDL Design of Microprocessors

UNIVERSITY CORE CURRICULUM:
B.S.C.E. - 55 HOURS - COURSES MAY NOT BE REPEATED WITHIN CORE

COMMUNICATION, 9 HOURS
ENGL-1113 English Composition I
CENG-4753 Systems Design III
used in your major
COMM-1213 Oral Communication

MATHEMATICS, 3 HOURS
used in your major
MATH-3013 Differential Equations

REQUIRED BIBLE, 8 HOURS
BIBL-1112 The Christian Scholar
BIBL-1312 Life of the Early Church: Acts
BIBL-2202 Story of the Old Testament
BIBL-2302 Story of the New Testament

BIBLE ELECTIVE, 5 HOURS
5 hours of Bible courses, except Missions Experience

CAPSTONE, 3 HOURS
BIBL-4523 Capstone: Christ and His World

POLITICAL SCIENCE, 3 HOURS
POLS-2113 Introduction to American Politics

AMERICAN HISTORY, 3 HOURS
HIST-1223 Turning Points in U.S. History

GREAT WORKS, 3 HOURS
ENGL-2213 Perspectives in Literature

SCIENCE, 6 HOURS
used in your major
PHYS-2514 Physics I
PHYS-2614 Physics II

PSYCHOLOGY, SOCIAL SCIENCES, FINE ARTS OR FOREIGN LANGUAGE, 3 HOURS
3 hours from the departments: fine arts, family studies, french, german, history, japanese, music, political science, psychology, spanish

LIBERAL ARTS, 9 HOURS,
9 hours from MATH and Physics can be used in the major

*For more information on how to apply the study abroad trips to the core curriculum see page # 25

B.S.E.E. DEGREE IN ELECTRICAL ENGINEERING
94 HOURS

The Electrical Engineering program is accredited by the Engineering Accreditation Commission of ABET, 111 Market Place, Suite 1050, Baltimore, MD 21202-4012, telephone, (410) 347-7700.

Program Educational Objectives:
The Department of Electrical and Computer Engineering considers its primary constituents to be threefold: industry, students who value an engineering education at a Christian university, and parents of these students. Working with these constituents, we have set the following Program Educational Objectives:

OC University graduates with an Electrical or Computer Engineering degree will use the talents God has given them to make a difference through:
1. Enjoying a successful career characterized by contributing effectively and adding value to the engineering process, functioning well in the workplace as an integral member of a team, keeping technically current and adaptive to changes in the workplace
2. Internalizing a personal faith in God that is exhibited by consistent ethical behavior based on Christian principles, an exemplary work ethic consistent with their Christian worldview, and a stable life that balances career, family, church and community.

Student must complete a minimum of 126 hours including the major, core, and minor if required. Elective hours may be needed to reach 126 hours.

24 HOURS MATHEMATICS

MATH-2114	Calculus I with Analytical Geometry
MATH-2214	Calculus II with Analytical Geometry
MATH-2314	Calculus III
MATH-3013	Differential Equations
ENGR-1113	Engineering Mathematics
ENGR-2113	ECE Mathematics I
ENGR-2123	ECE Mathematics II

8 HOURS SCIENCE

PHYS-2514	Physics I
PHYS-2614	Physics II

20 HOURS ENGINEERING AND COMPUTER SCIENCE

CMSC-1113	Programming I
ENGR-1111	Introduction to Engineering
ENGR-1122	Engineering Computing
ENGR-1242	Engineering Fundamentals
ENGR-2544	Introduction to Digital Systems
ENGR-2614	Electrical Circuit Analysis
ENGR-2700	Christian Engineer Seminar
ENGR-3213	Engineering Economics
ENGR-4701	Senior Engineering Seminar

3 HOURS ELECTIVE ENGINEERING AND COMPUTER SCIENCE

CMSC-1123	Programming II
ENGR-2433	Thermodynamics

33 HOURS ELECTRICAL AND COMPUTER ENGINEERING

CENG-3203	Intro to Microprocessors
CENG-3213	Computer Systems
ELEC-3303	Introduction to Electronics
ELEC-3123	Communications Systems
ELEC-3313	Electronics
ELEC-3504	Signals and Systems
ELEC-3523	Digital Signal Processing
ELEC-3613	Electromagnetic Fields
ELEC-4732	Systems Design I
ELEC-4743	Systems Design II
ELEC-4753	Systems Design III

6 HOURS MINIMUM ELECTIVES

CENG-3113	Data Communications
CENG-3223	Embedded Systems Design
CENG-4233	Advanced Computer Architecture
CENG-4303	HDL Design of Micro Processors
ELEC-4323	Electronic Devices
ELEC-4423	Control Systems
ELEC-4523	Real-Time Signal Processing
ELEC-4613	Radio Frequency Engineering
ELEC-4813	Special Topics
MECH-4133	Dynamic Systems and Control

WITH AT LEAST ONE OF THESE BEING AN ELECTRICAL ENGINEERING DEPTH COURSE

ELEC-4323	Electronic Devices
ELEC-4523	Real Time Processing
ELEC-4613	Radio Frequency Engineering

UNIVERSITY CORE CURRICULUM:
B.S.E.E. - 55 HOURS - COURSES MAY NOT BE REPEATED WITHIN CORE

COMMUNICATION, 9 HOURS
ENGL-1113 English Composition I
ENGR-4753 Systems Design III
used in your major
COMM-1213 Oral Communication

MATHEMATICS, 3 HOURS
used in your major
MATH-3013 Differential Equations

REQUIRED BIBLE, 8 HOURS
BIBL-1112 The Christian Scholar
BIBL-1312 Life of the Early Church: Acts
BIBL-2202 Story of the Old Testament
BIBL-2302 Story of the New Testament

BIBLE ELECTIVE, 5 HOURS
5 hours of Bible courses, except Missions Experience

CAPSTONE, 3 HOURS
BIBL-4523 Capstone: Christ and His World

POLITICAL SCIENCE, 3 HOURS
POLS-2113 Introduction to American Politics

AMERICAN HISTORY, 3 HOURS
HIST-1223 Turning Points in U.S. History

GREAT WORKS, 3 HOURS
ENGL-2213 Perspectives in Literature

SCIENCE, 6 HOURS
used in the major
PHYS-2514 Physics I
PHYS-2614 Physics I

PSYCHOLOGY, SOCIAL SCIENCES, FINE ARTS OR FOREIGN LANGUAGE
3 hours from the departments: fine arts, family studies, french, german, history, japanese, music, political science, psychology, spanish

LIBERAL ARTS, 9 HOURS
can be used in the major
9 hours from Math and Physics

*For more information on how to apply the study abroad trips to the core curriculum see page # 25

DEPARTMENT OF
MECHANICAL ENGINEERING

AREAS OF STUDY
Mechanical Engineering (MECH)

DEGREES OFFERED
B.S.M.E. Degree in Mechanical Engineering

GRADUATE SCHOOL OF ENGINEERING
M.S.E. Master of Science in Engineering Degree
For more information regarding graduate studies in the School of Engineering contact Stephanie Baird (405) 425-5579 or email at stephanie.baird@oc.edu

MINOR
Engineering Minor

FACULTY
Paul W. (Wayne) Whaley, Department Chair Ph.D., P.E., Professor of Mechanical Engineering
S. David Cassel, Ph.D., P.E., Professor of Mechanical Engineering
Byron Newberry, Ph.D., Graduate Engineering and Mechanical Engineering, Professor of Mechanical Engineering
Kevin Plumlee, Ph.D., Assistant Professor of Mechanical Engineering
William Ryan, Ph.D., P.E., Professor of Engineering Sciences

LOCATION
Prince Engineering Center
Herold Science Hall

DEAN
Phillip V. Lewis, Ed.D., Dean of the College of Professional Studies, Professor of Management

Dean's Office
Harvey Business Center, Room 101

ENGINEERING

ACADEMIC POLICIES FOR ENGINEERING

ENGINEERING PROGRAM REQUIREMENTS
Beyond the common university requirements for all baccalaureate degrees, the following criteria must be met to graduate with a degree in engineering:

To declare a mechanical or pre-engineering major and start engineering coursework, you must either have a math sub score on the ACT of at least 23 (or equivalent), or have successfully completed MATH-1213 with a "C" or better.

You must maintain a 2.0 minimum major GPA (i.e. the GPA computed excluding core curriculum courses).

You must complete all departmental assessments. Mechanical Engineering students must sit for the state Fundamentals of Engineering exam prior to graduating (the discipline-specific afternoon portion is required).

POLICY FOR STUDENTS TRANSFERRING INTO ENGINEERING PROGRAMS:
OC Engineering welcomes transfer students and will work on an individual basis to match the maximum amount of previous course work with OC graduation requirements without compromising the strength and value of an OC Engineering degree. To assure that transfer credits meet departmental objectives and engineering accreditation standards, the Department of Mechanical Engineering use the following guidelines and process:
Students transferring into OC Engineering should submit their official transcripts to the Office of the Registrar for evaluation at least six weeks prior to the beginning of their first semester in OC Engineering.

All transfer credit is subject to individual evaluation at the discretion of the departments.
The departments will generally allow appropriate mathematics and science courses to count towards the required 32 hours of mathematics and science, even if there is not a one-to-one correspondence between courses. Likewise, the departments will generally allow appropriate engineering and computer science courses to count towards the total number of required hours in engineering and computer science.

Mathematics, science, computer science, and lower level (1000 and 2000-level) engineering science course credits must come from regionally accredited colleges and universities offering courses designed to provide background for baccalaureate degrees.

Upper-division (3000 and 4000-level) engineering credits must come from institutions offering ABET-accredited engineering programs.

Courses completed at international colleges and universities where accreditation is not available will be evaluated on an individual basis.

Courses from within a technology curriculum do not transfer.

Transfer credits with grades of less than a C will not count towards the engineering degree requirements.

MASTER OF SCIENCE IN ENGINEERING
The School of Engineering offers a Master of Science in Engineering (MSE) degree with specializations in mechanical engineering, electrical engineering, and computer engineering,

Undergraduates who are considering the MSE should attain an undergraduate engineering degree from an ABET accredited institution. Some consideration will be given to students with backgrounds from computer science, physics, or related fields.

For more information regarding graduate studies in the School of Engineering, contact Stephanie Baird, M.Ed. at (405) 425-5579 or at stephanie.baird@oc.edu.

B.S.M.E. DEGREE IN MECHANICAL ENGINEERING
94 HOURS

OC offers the Bachelor of Science in Mechanical Engineering. This program is accredited by the Engineering Accreditation Commission of ABET, 111 Market Place, Suite 1050, Baltimore, MD 21202-4012, telephone, (410) 347-7700.

An OC graduate with a Bachelor of Science Degree in Mechanical Engineering program will:

1. Adapt and grow in both technical and professional excellence throughout their career; exhibiting continuous learning and advancement.
2. Earn increasing levels of leadership and technical responsibility in the workplace; exhibiting the highest standards of ethical and professional integrity.
3. Embody the Christian worldview and pursue balanced lives of scholarship, leadership and service.

Student must complete a minimum of 126 hours including the major, core, and minor if required. Elective hours may be needed to reach 126 hours.

21 HOURS MATHEMATICS

ENGR-1113	Engineering Mathematics
MATH-2114	Calculus I with Analytical Geometry
MATH-2214	Calculus II with Analytical Geometry
MATH-2314	Calculus III
MATH-3013	Differential Equations
ENGR-3023	Engineering Probability & Statistics

11 HOURS SCIENCE

ENGR-2323	Foundations of Engineering Chemistry
PHYS-2514	Physics I
PHYS-2614	Physics II

2 HOURS PROGRAMMING REQUIRED

ENGR-1132	Procedural Programming
	or
CMSC-1113	Programming I

21 HOURS ENGINEERING SCIENCE

ENGR-1252	Introduction to Solid Modeling
ENGR-2313	Statics
ENGR-2433	Thermodynamics I
ENGR-2523	Dynamics
ENGR-2533	Strength of Materials
ENGR-2623	Mechanical Engineering Instrumentation
ENGR-3213	Engineering Economics
ENGR-3311	Experimental Mechanics

33 HOURS MECHANICAL ENGINEERING

MECH-3403	Engineering Materials
MECH-3443	Fluid Mechanics
MECH-3453	Thermodynamics II
MECH-3613	Manufacturing Processes
MECH-3813	Mechatronics
MECH-4133	Dynamic Systems and Controls
MECH-4213	Machine Design
MECH-4243	Heat Transfer
MECH-4311	Thermal-Fluids Laboratory
MECH-4732	Systems Design I
MECH-4743	Systems Design II
MECH-4753	Systems Design III

6 HOURS TECHNICAL ELECTIVES CHOSEN FROM

MECH-4113	Partial Differential Equations
MECH-4123	Machine Dynamics
MECH-4513	Advanced Mechanics of Materials
MECH-4523	Finite Element Analysis
MECH-4533	Vibration Theory and Application
MECH-4623	Advanced Engineering Materials

Note: Certain upper-division electrical engineering courses may be substituted for the MECH electives with the permission of the instructor and the student's advisor.

UNIVERSITY CORE CURRICULUM:
B.S.M.E. - 55 HOURS - COURSES MAY NOT BE REPEATED WITHIN CORE

COMMUNICATION, 9 HOURS
ENGL-1113 English Composition I
MECH-4753 Systems Design III
used in your major
COMM-1213 Oral Communication

MATHEMATICS, 3 HOURS
used in your major
MATH-3013 Differential Equations

REQUIRED BIBLE, 8 HOURS
BIBL-1112 The Christian Scholar
BIBL-1312 Life of the Early Church: Acts
BIBL-2202 Story of the Old Testament
BIBL-2302 Story of the New Testament

BIBLE ELECTIVE, 5 HOURS
Take 5 hours of Bible courses, except Missions Experience

CAPSTONE, 3 HOURS
BIBL-4523 Capstone: Christ and His World

POLITICAL SCIENCE, 3 HOURS
POLS-2113 Introduction to American Politics

AMERICAN HISTORY, 3 HOURS
HIST-1223 Turning Points in U.S. History

GREAT WORKS, 3 HOURS
ENGL-2213 Perspectives in Literature

SCIENCE, 6 HOURS
can be used in the major
PHYS-2514 Physics I
PHYS-2614 Physics II

PSYCHOLOGY, SOCIAL SCIENCES, FINE ARTS OR FOREIGN LANGUAGE
Take 3 hours from the departments: fine arts, family studies, french, german, history, japanese, music, political science, psychology, spanish

LIBERAL ARTS, 9 HOURS
can be used in the major
Take 9 hours from Math and Physics

*For more information on how to apply the study abroad trips to the core curriculum see page # 25

MINOR REQUIREMENTS - COLLEGE OF PROFESSIONAL STUDIES

SCHOOL OF BUSINESS ADMINISTRATION

The purpose of a minor program is to enable students to expand their educational horizons by focusing study in a particular field outside their majors. Therefore, the School of Business Administration offers the minor programs described below.

ACCOUNTING MINOR, 19 HOURS

10 HOURS BUSINESS CORE

ACCT-2113	Accounting Principles I
BUSA-1211	Introduction to Business
ECON-2113	Macroeconomic Principles
FINC-3313	Principles of Finance

3 HOURS ACCOUNTING

ACCT-2213	Accounting Principles II

6 HOURS CHOSEN FROM

ACCT-3113	Intermediate Accounting I
ACCT-3313	Cost Accounting
ACCT-3413	Income Taxation

FINANCE MINOR, 19 HOURS

13 HOURS BUSINESS CORE

ACCT-2113	Accounting Principles I
ACCT-2213	Accounting Principles II
BUSA-1211	Introduction to Business
ECON-2113	Macroeconomic Principles
FINC-3313	Financial Management

6 HOURS CHOSEN FROM ANY FINANCE COURSE

GENERAL BUSINESS MINOR, 19 HOURS

13 HOURS BUSINESS CORE

ACCT-2113	Accounting Principles I
BUSA-1211	Introduction to Business
ECON-2113	Macroeconomic Principles
MGMT-3113	Principles of Management
MKTG-3313	Principles of Marketing

6 UPPER DIVISION HOURS FROM ANY TWO BUSINESS DISCIPLINES

INTERNATIONAL BUSINESS MINOR, 19 HOURS

13 HOURS BUSINESS CORE

ACCT-2113	Accounting Principles I
BUSA-1211	Introduction to Business
ECON-2113	Macroeconomic Principles
MGMT-3113	Principles of Management
MKTG-3313	Principles of Marketing

3 HOURS FINANCE

INTL-4213	International Finance

3 HOURS CHOSEN FROM

INTL-3313	International Business
INTL-4413	International Management
INTL-4513	International Economics
INTL-4723	Global Marketing
INTL-4813	International Consulting and Development

INTERNATIONAL STUDIES MINOR, 21 HOURS

3 HOURS APPROVED STUDY ABROAD PARTICIPATION

6 HOURS SAME FOREIGN LANGUAGE

3 HOURS CORE CLASS CHOSEN FROM

GEOG-2113	Elements of Human Geography

3 HOURS INTERNATIONAL BUSINESS CHOSEN FROM

INTL-3313	International Business
INTL-4813	International Consulting and Development

3 HOURS INTERNATIONAL MISSIONS CHOSEN FROM

MISS-3313	Cross Cultural Ministry
MISS-3513	World Religions
MISS-3613	Cultural Anthropology

3 HOURS INTERNATIONAL RELATIONS CHOSEN FROM

POLS-3813	Contemporary Political Ideologies
POLS-4213	International Theory and Ethics

MANAGEMENT MINOR, 19 HOURS

13 HOURS BUSINESS CORE

ACCT-2113	Accounting Principles I
BUSA-1211	Introduction to Business
ECON-2113	Macroeconomic Principles
MGMT-3113	Principles of Management
MKTG-3313	Principles of Marketing 1

6 HOURS CHOSEN FROM

BUSA-3713	Contemporary Business Ethics
INFO-3113	Principles of Electronic Business
MGMT-3213	Operations Management
MGMT-4313	Organizational Behavior
MGMT-4513	Human Resource Management

MARKETING MINOR, 19 HOURS

13 HOURS BUSINESS CORE

ACCT-2113	Accounting Principles I
BUSA-1211	Introduction to Business
ECON-2113	Macroeconomic Principles
MGMT-3113	Principles of Management
MKTG-3313	Principles of Marketing

6 HOURS MARKETING CHOSEN FROM

MKTG-3413	Consumer Behavior
MKTG-3513	Electronic Commerce and Online Marketing
MKTG-3713	Sales Management and the Sales Process
MKTG-4313	Promotional Strategies

SCHOOL OF EDUCATION

PHYSICAL EDUCATION MINOR, 18 HOURS

8 HOURS PHYSICAL EDUCATION

PHED-1113	Introduction to Sport, Wellness and Recreation Management
PHED-2412	Care and Prevention of Athletic Injuries
PHED-4113	Organization of Sport Wellness and Recreation

2 HOURS SPORT LAB CHOSEN FROM

PHED-2702	Sports Lab I
PHED-2712	Sports Lab II
PHED-2722	Sports Lab III

2 HOURS OF ANY COACHING METHODS COURSE

6 HOURS OF ELECTIVE SPORT WELLNESS RECREATION MANAGEMENT COURSES

Teacher education candidates may complete a Physical Education minor for an additional area of teacher licensure

MINOR REQUIREMENTS - COLLEGE OF PROFESSIONAL STUDIES

TEACHER EDUCATION

PROFESSIONAL EDUCATION MINOR, 18 HOURS
10 HOURS REQUIRED

EDUC-3122	School in American Culture
EDUC-3213	Learning, Instruction and Assessment
EDUC-3422	Educational Technology
EDUC-3723	Education of the Exceptional Child

3 HOURS PSYCHOLOGY

PSYC-3523	Developmental Psychology

5 HOURS ELECTIVES FROM EDUCATION EARLY CHILDHOOD EDUCATION ELEMENTARY EDUCATION

Students wishing to pursue an Education minor must be approved by the Chair of the School of Education. A plan of study, as determined by the major advisor and the Chair of the School of Education, must be filed. Students must meet prerequisites as defined by the catalog. This is also the suggested course of study for students pursuing a Interdisciplinary Studies Degree.

ALTERNATIVE CERTIFICATION, 18 HOURS
The following requirements are for those persons who hold a bachelor's degree in the discipline in which the license is sought.

10 HOURS REQUIRED

EDUC-3122	School in American Culture
EDUC-3213	Learning, Instruction and Assessment
EDUC-3422	Educational Technology
EDUC-3723	Education of the Exceptional Child

3 HOURS APPROPRIATE METHODS COURSE

PSYC-3523	Developmental Psychology

5 HOURS
from the department that houses the licensure program Exceptions may be granted through the approval of the Chair of the School of Education.

A student who has been denied admission to teacher education or who has lost admission status will not be approved for alternative certification.

SPANISH PROFICIENCY:
Any candidate for teacher licensure may achieve a Spanish Proficiency by completing one of the following:

A minimum of 12 hours in Spanish or the equivalent of courses through Intermediate Spanish II

Eighteen hours in Spanish or the equivalent of two courses beyond Intermediate Spanish II

Four courses beyond novice-level proficiency. Additional requirements include field experience for immersion in the Spanish language (to be approved by advisor).

Students may earn six of the required 12 hours in Spanish while spending a full month immersed in the target language and culture. The proficiency is noted on the transcript, but has no effect on licensure.

SCHOOL OF ENGINEERING

MATHEMATICS, COMPUTER SCIENCE, AND INFORMATION SYSTEMS

COMPUTER SCIENCE MINOR, 18 HOURS
12 HOURS REQUIRED

CMSC-1113	Programming I
CMSC-1123	Programming II
CMSC-2413	Introduction to Assembly Language
CMSC-2423	Introduction to File Processing

6 HOURS MAY BE CHOSEN FROM
computer science courses

3 hours must be numbered 3000 or above.

INFORMATION SYSTEMS MINOR, 18 HOURS
15 HOURS REQUIRED

CMSC-1003	Introduction to Information Technology
CMSC-1113	Programming I
CMSC-1123	Programming II
CMSC-4123	Introduction to Software Tools
CMSC-4213	Systems Analysis and Design

3 HOURS MAY BE CHOSEN FROM

CMSC-2262	Java
CMSC-2272	COBOL
CMSC-2282	C++
CMSC-2302	Perl
CMSC-2312	Advanced C++
CMSC-2322	Visual Basic.NET
CMSC-2332	C#
CMSC-4811	Seminar in Computer Science

MATHEMATICS MINOR, 18 HOURS
Mathematics, including at least 6 hours numbered 3000 or above.

ENGINEERING

ENGINEERING MINOR, 18 HOURS
8 HOURS REQUIRED

PHYS-2514	Physics I
MATH-2114	Calculus I with Analytical Geometry

10 HOURS CHOSEN FROM
Engineering Science, Computer Engineering, Electrical Engineering, or Mechanical Engineering courses.

Course Descriptions

While OC will attempt to offer every course when noted in the catalog, there will be times when a course may not be offered when noted in the catalog or when a course might be offered at a time other than when noted in the catalog. Students are advised to check each semester's course schedule and to confer with their advisors regarding particular courses.

ACCOUNTING (ACCT)

2113 ACCOUNTING PRINCIPLES I
Purpose of accounting, recording transactions, preparing financial statements, the use of special journals and general and subsidiary ledgers, introduction of accounting principles, accounting for a merchandising firm and payroll accounting. This course is normally offered every semester.

2213 ACCOUNTING PRINCIPLES II
Prerequisite: ACCT-2113.
Continuation of Accounting Principles I. Partnership accounting, corporation accounting, additional accounting principles, analyzing and interpreting financial statements, development of management decision-making accounting data, introduction to cost accounting and cost-volume-profit analysis. This course is normally offered every semester.

3113 INTERMEDIATE ACCOUNTING I
Prerequisite: ACCT-2213.
Study of accounting theory and assumptions underlying Generally Accepted Accounting Principles related to financial statements, generally, and current assets, specifically. Special consideration is given to pronouncements of the Financial Accounting Standards Board, the American Institute of Certified Public Accountants, the American Accounting Association and the Securities and Exchange Commission. This course is normally offered fall semester.

3213 INTERMEDIATE ACCOUNTING II
Prerequisite: ACCT-3113.
Continuation of Intermediate Accounting I. Study of Generally Accepted Accounting Principles related to plant assets, liabilities and capital, financial statement analysis, price level accounting, and leasing transactions. This course is normally offered spring semester.

3313 COST ACCOUNTING
Prerequisite: ACCT-2213.
The development of cost and accounting data for internal use in planning, control and decision making by managers. Topics and techniques studied are job-order and process cost accounting; accounting for materials, labor and factory overhead costs; standard cost accounting; payroll; budgeting; responsibility accounting; cost-volume-profit analysis and direct costing. This course is offered every semester.

3323 MANAGERIAL ACCOUNTING
Prerequisite: ACCT-2213.
Study of the use of cost accounting data as a tool for planning, control and decision making by managers. Topics studied include the nature of costs and their behavior; design of job-order and process cost accounting systems; cost-volume-profit relationships and profit planning; segmented reporting; comparison of direct costing with absorption costing; control of operations through standard costs and flexible budgets; pricing of products and services; relevant costs for decision-making and capital budgeting. This course is offered as needed.

3413 INCOME TAXATION
Prerequisite: ACCT-2213.
An introduction to the federal income tax, considering income, deductions, payment of tax and other matters relating to personal income tax returns. This course is normally offered fall semester.

3513 ADVANCED FEDERAL TAXATION
Prerequisite: ACCT-3413.
A continuation of the study of the federal income tax as it relates to corporations, partnerships and fiduciaries. Also included is the study of more specialized income tax problems and the federal Social Security, estate and gift taxes. This course is normally offered spring semester.

3713 ACCOUNTING INFORMATION SYSTEMS
Prerequisite: ACCT-3113.
Concepts underlying the analysis, design, use, control and audit of accounting information systems. The flow of accounting information through computerized information systems is emphasized. This course is offered as needed.

4113 ADVANCED ACCOUNTING I
Prerequisite: ACCT-3113.
A study of the application and theory of budgetary and fund accounting, with emphasis on governmental and not-for-profit entities. Other specialized accounting applications involving foreign operations and partnership accounting are also examined. This course is normally offered fall semester.

4213 ADVANCED ACCOUNTING II
Prerequisite: ACCT-3113.
A study of advanced accounting problems related to consolidations, mergers, acquisitions, branch operations, segment reporting, interim reporting and the Securities and Exchange Commission. This course is normally offered in the spring semester.

4313 ADVANCED COST ACCOUNTING
Prerequisite: ACCT-3313.
Additional study in the development of cost and managerial accounting data for use in planning, control and decision making by managers. The course includes the use of such tools as linear regression, simulation and linear programming, and it also covers capital budgeting, segment performance and decision-making behavior under uncertainty. This course is normally offered in the summer semester.

4413 AUDITING
Prerequisite: ACCT-3113.
Preparation toward a professional accounting career as a Certified Public Accountant in examining and rendering professional opinions on the fairness of organizations' financial statements. The course emphasizes the nature of auditing, internal control systems, auditing techniques and evidence, audit working papers and reports and professional ethics and independence. This course is normally offered in the fall semester.

4423 ETHICS AND AUDITING CONCEPTS
Prerequisite: ACCT-4413.
A continuation of the study of auditing, with emphasis given to internal, operational and compliance auditing, audit risk analysis and in-depth case analysis. Case studies are used for research and instructional purposes. This course is normally offered in the summer semester.

4433 INCOME TAX PLANNING AND RESEARCH
Prerequisite: ACCT-3513.
A specialized study in the areas of tax planning and research. Emphasis is given to legal ways to minimize tax liability through yearly planning, elections and deferral of income. Extensive computerized tax research is performed to aid in tax planning. This course is offered as needed.

4513 FINANCIAL ACCOUNTING STATEMENT ANALYSIS
Prerequisite: ACCT-3113.
An in-depth study of contemporary accounting theory with primary emphasis on the pronouncements of the Financial Accounting Standards Board. The main objective is to gain deeper insights into the theory and critical analysis underlying Generally Accepted Accounting Principles and to apply them to financial statement preparation. Study centers on selected parts of the following FASB pronouncements: 1. statements of Financial Accounting Standards, 2. interpretations of ARBs, APB Opinions and FASB Statements of Standards, 3. technical bulletins, and 4. statements of Financial Accounting Concepts. This course is normally offered in the spring semester.

4900 INDEPENDENT STUDY IN ACCOUNTING
Assigned readings, reports and research projects based on the needs of the student. A maximum of 3 hours may be counted toward major. 1-3 semester hours; 50 hours work required for each hour of credit earned, with a maximum of 3 credit hours. This course is offered as needed.

4990 INTERNSHIP IN ACCOUNTING
Prerequisites: Admission to School of Business Upper Division, completion of ACCT-3113 and approval of the advisor and dean. Supervised and approved accounting internship with firm or organization; written and oral reports are required along with employer evaluation. 30 hours of work required for each hour of credit with a maximum of 3 credit hours. This course is offered as needed.

ART AND DESIGN (ARTS)

1103 TECHNOLOGY FOR GRAPHICS
An introduction to the use of computer hardware, software, and peripherals for the production of visual images. Students research and practice computer operations and produce digital visuals using both painting and drawing software applications. This course is normally offered every semester.

1113 FUNDAMENTALS OF DRAWING
An introduction to the fundamental approaches to drawing with attention given to the concepts and processes that constitute the language of visual expression. This course is normally offered in the fall semester.

1213 FIGURE DRAWING
A study of the human form with attention given to the concepts and processes that constitute the language of visual expression. This course is normally offered in the spring semester.

1413 ELEMENTS OF VISUAL THINKING
A study of the elements of art. Studio work includes two-dimensional experimentation and exercises that nurture creative visual expression, which integrate critical discourse through the development of the language of art and design. This course is normally offered in the spring semester.

1623 INTRODUCTION TO INTERIOR DESIGN
An overview of the interior design profession and an introduction to basic graphic communication skills, including hand drafting, with experiences in observing professional designers, producing scaled drawings of floor plans, and application of the elements and principles of design. This course is normally offered in the fall semester.

1643 INTERIOR TEXTILES, MATERIALS AND FINISHES
A study of interior textiles (fabrics and upholstery). Fabric content, properties, construction process, dyeing, and printing are examined. Basic building materials (wood, glass, metal, masonry, etc.) as well as wall coverings and hard floor treatments and their properties and uses will be addressed. Students will learn through case studies and examples to measure and figure correct amounts of materials to order. This course is normally offered in the spring semester.

1653 COMPUTER AIDED DESIGN
Prerequisites: ARTS-1623, permission of instructor.
Use of industry software in the creation of two-dimensional representation of built forms and spaces for interiors. This course is normally offered in the spring semester.

2013 SURVEY OF VISUAL CULTURE
Survey of Visual Arts is an introductory art appreciation course that will overview the major works of art and cultural ideas from a global perspective. Lectures and presentations will cover a broad range of disciplines including painting, architecture, film , photography, product design, graphic communication and digital design. This course is normally offered in the fall semester.

2123 RENDERING IN PERSPECTIVE
Prerequisites: ARTS-1623 and ARTS-1643 or permission of instructor.
A study of rendering materials, methods and techniques and how they relate to a 1-, 2-, 3-point perspective. The course will explore color theory as well as shade and shadow elements as they are used with various mediums such as marker, colored pencil, ink and mixed mediums. Advanced problems in rendering and visual presentation are explored throughout the course. This course is normally offered in the spring semester.

2223 INTRODUCTION TO COMMUNICATION DESIGN
Prerequisites: ARTS-1103 and ARTS-1413.
An introduction to the advertising, graphic design and new media industry. Studio work includes print media design and graphic design with directed outcomes based upon research, strategy-based conceptualization, and execution. This course is normally offered in the fall semester.

2233 TYPE AS VISUAL LANGUAGE
Prerequisites: ARTS-2223 and ARTS-2323.
A study of letterforms and fundamental typographic principles. Studio work includes typographic expression and communication with and without image and its relationship to message and purpose. This course is normally offered in the spring semester.

2243 INTERACTIVE MEDIA DESIGN I
Prerequisite: ARTS-1103 and ARTS-1413.
Introduction to the aesthetic and technical concerns of interactive media production: human-computer interactivity, Website design and development, usability issues, and dynamic narrative. Students design, produce, and deploy interactive projects. This course is normally offered in the fall semester.

2323 DIGITAL DESIGN FOR PRINT
Prerequisites: ARTS-1103 and ARTS-1413.
Use of digital design tools for the production of single-page and multi-page printed documents: print advertising, marketing, and stylized content delivery. This course is normally offered in the fall semester.

2403 DIGITAL PHOTOGRAPHY
Prerequisites: ARTS-1103 and ARTS-1413.
A study of digital photography in the creation of visual images for all media including print, broadcast and new media with special attention to producing photographs that are enhanced by computer software. The student will need to own, or have access to, a camera with manual override. This course is normally offered in the spring semester.

2423 HISTORY OF PHOTOGRAPHY AND MOTION PICTURES
This class entails a chronological study of the photographic arts and motion pictures. The course content examines the technological innovations and famous innovators from photography's introduction. Lectures analyze photos and motion pictures from various critical/historical perspectives to offer a comprehensive overview of important photographers, fine artists, photojournalists and film makers of the modern age. This course is offered in the fall semester.

2443 CONSTRUCTION MATERIALS AND DETAILS
Prerequisites: ARTS 1623 and 1643 preferred but not required.
This course is a study of materials used in the design of interior spaces. It includes fire-resistant qualities, acoustical properties and the construction of materials used in finishes and furnishings, as well as qualities important to sustainable design issues. Emphasis on writing specifications for FF&E for non load bearing construction. Emphasis is also placed on technical, construction drawings to include elevations, section drawings, etc. The course is normally offered in the fall semester of odd numbered years.

2513 PAINTING I
Prerequisites: ARTS-1113, ARTS-1213, and ARTS-1413 or permission of instructor.
A study of materials, techniques and concepts fundamental to painting. The course encourages students to originate and produce a portfolio of paintings experimenting with various processes and historical ideas. This course is normally offered in the spring semester.

2523 FORM & COMMUNICATION
A study of the elements of art and their supportive elements. Studio work includes three-dimensional experimentation and exercises that relate ideas, objects, material, and space, with form studies that examine organic and constructed elements. This course is normally offered in the fall semester.

2623 RESIDENTIAL INTERIOR DESIGN
Prerequisites: ARTS-1113, ARTS-1413, ARTS-1623, ARTS-1653 or concurrent enrollment.
A study of residential design with emphasis on kitchen and bath planning. This course is normally offered in the fall semester.

2653 SPACE PLANNING AND CODES
Prerequisites: ARTS-1623, ARTS-1653.
A study of the application of human factors, space standards and space planning principles to residential and commercial environments. This course is normally offered in the spring semester.

2663 ARCHITECTURAL GRAPHICS
Prerequisites: ARTS-1643.
Further development of drafting skills with emphasis on hand lettering, dimensioning, materials delineation of floor plans, drawing elevations, sections and perspectives. This course is normally offered in the spring semester.

2743 3D MODELING I
Prerequisites: ARTS-1103.
Creation of virtual objects and environments. Students use the computer to model, texture, light, render, and animate dynamic objects and scenes in digital three-dimensional space. For gaming and animation majors, this course is normally offered in the spring semester. For interior design majors, this course is normally offered in the fall semester.

3033 CHRISTIAN AESTHETICS IN THE VISUAL ARTS
Prerequisite: Junior or Senior Standing.
A seminar course addressing a Christian response to contemporary cultural issues in the visual arts.

3113 PRINTMAKING: INTAGLIO AND RELIEF
Prerequisites: ARTS-1213 and ARTS-1413.
Designed to introduce you to the tools, history, and basic techniques of printmaking through the use of the etching press. Etching, drypoint, collograph, relief, and monotype techniques will be discussed. Students are encouraged to explore the problems and concerns of their own images technically through multiples and one-of-a-kind prints. A series of critiques, group discussions, research and information gathering assignments, lectures and demonstrations complement studio work. This course is normally offered in the fall semester.

3123 PRINTMAKING: SERIGRAPHY
Prerequisite: ARTS-1213, ARTS-1413.
Designed to introduce you to a survey of screen-printing techniques including hand-cut, painted and photographic stencils and multi-color printing. This course is an introduction examination of water-based serigraphic techniques, concentrating in process and aesthetic development. Monotype and monoprint techniques will also be discussed. A series of critiques, group discussions, research and information gathering assignments, lectures and demonstrations complement studio work. This course is normally offered in the spring semester.

3163 ANIMATION PRINCIPLES & PRACTICES
Prerequisite: ARTS-1103 and ARTS-2743.
History, theory, and technique of traditional and contemporary approaches to animation. Includes studies in fundamentals of digital storytelling, physics, animation aesthetics, expression, kinetics, and motion. Projects include work in digital 2D and 3D, stop-motion, rotoscoping, and other animation environments. This course is normally offered in the fall semester.

3173 3D MODELING AND ANIMATION II
Prerequisite: ARTS-2743 and ARTS-3163.
In this course students will study and practice techniques used in character design, modeling and rigging using 3D computer software. Advanced 3D modeling, shading, rendering, and character-design skills are developed in conjunction with traditional story,

animation, lighting, and cinematography methods. Designs for game animation will be compared with designs for film and video. Action and motion sequences will be created and studied. This course is normally offered in the spring semester.

3213 PAINTING II
Prerequisite: ARTS-2513.
A further study of the techniques and processes of painting with special attention to the development of the student's direction and portfolio development. This course is normally offered in the spring semester. This course is normally offered in the spring semester.

3243 GRAPHIC DESIGN
Prerequisite: ARTS-2233.
A study of integrating message, typography, and image through conceptual innovation. Studio work includes necessary vehicles for information, narrative, promotion, and marketing. This course is normally offered in the fall semester.

3253 PRINT AND SOCIAL MEDIA DESIGN
Prerequisite: ARTS-3243.
A study of merging written messages with design. Studio work includes media bought print applications with ancillary forms of design communication. This course is normally offered in the fall semester.

3263 ADVANCED GRAPHIC DESIGN
Prerequisite: ARTS-3243.
A further study of blending messages and content with design and application. Studio work is a continuation of necessary vehicles for information, narrative, promotion, and marketing, sometimes in relation to integrated design through several platforms of communication. This course is normally offered in the spring semester.

3333 HISTORY OF DESIGN
A comprehensive chronological survey of the impact and transformation of design upon Western civilization. Ideas and changes are explored through disciplines such as graphic design, industrial design, product design, photography, architecture, furniture and fashion. This course is normally offered in the spring semester.

3343 ANCIENT TO MODERN ART HISTORY
A focus on the pivotal artists, movements and concepts from each era. Art, as it has been shaped by cultural, social, political and economic factors will be examined in a chronological study from pre–history to mid-twentieth century. This course is normally offered in the fall semester of even-numbered years.

3353 CONTEMPORARY ART
A chronological study of modern art from 1945 to the present. In-depth study will be on the many artists, movements, critical theories, cultural conditions and global issues that have shaped art of the modern and postmodern age. This course is normally offered in the fall semester of odd-numbered years.

3363 PHOTOGRAPHY I
Prerequisite: ARTS-2403.
Course will focus on production of portfolio/exhibition quality photographic images. Students will work in a digital format with an emphasis on developing/exploring personal direction in fine art photography. This course is normally offered in the fall semester.

3373 PHOTOGRAPHY II
Prerequisite: ARTS-3363.
Course will offer student further development of their personal fine art photographic projects. Emphasis will be on production of exhibition /portfolio quality digital photographic work. This course is normally offered in the spring semester.

3383 MOTION IMAGERY
Prerequisite: ARTS-2743 and ARTS-3173.
Introduces students to the principles and elements of motion design through studio practices at beginning and advance levels. The first phase, "type in motion", emphasizes the relationship between typography principles and animation fundamentals. The second phase is an advanced applied approach to the language and principles of motion-building upon existing knowledge in the first phase: synthesizing the language of motion simultaneously with an emphasis on narrative and narrative structure. In addition to stressing systems, structure, and synthesis of text and image for time-based media, the course also provides knowledge and skills in digital creativity. This course is offered in the spring semester.

3393 HISTORY OF GAMING AND ANIMATION
This course provides a historical and critical approach to the evolution of video game design and animation from its beginnings to the present. It beings together cultural, business, and technical perspectives. Students should come away from the course with an understanding of the history of this medium, as well as insights into design, production, marketing, and socio-cultural impacts of interactive entertainment and communication. The course will offer reading, discussion, guest presentations and projects on the developing culture and technology of animation and video game design. Historical contexts include entertainment media, computing technology, applications of gaming technology and business history. This class will be offered in the fall semester.

3443 INTERACTIVE MEDIA DESIGN II
Prerequisite: ARTS-2243.
Study of interactive design and further exploration into production capabilities of industry standard web authoring software. Topics include: dynamic content, file management, internet typography, development of user interfaces, site maps, external web functionality and trouble-shooting. This course is intended for designers who wish to consolidate and apply their prior knowledge and skills of interactive design. This is a culminating experience and designers are expected to demonstrate sophisticated interactive design decisions and produce final works that demonstrate a high level of expertise and achievement. This course is normally offered in the spring semester.

3453 TEAM GAME PRODUCTION I
Prerequisite: ARTS-2743 or instructor permission.
This course provides a foundation in the game development process, including planning, pipelines and documentation for game projects, game technology, artificial intelligence, and user interface design, game testing, project and asset management, team dynamics, and usability analysis. Students apply game design and development skills to create a 2-D and 3-D game demo as part of small project teams. This course is offered in the fall semester.

3513 GRAPHIC ARTS PRODUCTION
Prerequisite: ARTS-3263.
An introduction to a basic understanding of preparing art for reproduction through textbook material, lectures and an internship. This course is normally offered in the summer.

3523 ILLUSTRATION I
Prerequisites: ARTS-1213.
A study of materials, techniques, processes and ideas fundamental to the discipline of illustration, with special attention to creating selected works for editorials, posters, covers and collateral materials. This course is normally offered in the fall semester.

3533 HISTORICAL INTERIOR DESIGN, I
A study of decorative arts, furniture and interiors as they have evolved from ancient Egypt up to the Italian Renaissance. Emphasis is given to the ways ancient motifs and decorative designs have been continually repeated and used from the original historic periods to the present. This course is normally offered in the fall semester of even numbered years.

3543 HISTORICAL INTERIOR DESIGN, II
A study of historical periods, surveying the Italian Renaissance through the 18th Century; acquainting students with terminology, motifs, furniture, architecture and stylistic differences as they relate to the time periods. This course is normally offered in the spring semester of odd numbered years.

3613 INTERIOR SYSTEMS
Prerequisites: ARTS-1623 and ARTS-1653.
A study of interior lighting design, acoustics, fire suppression, plumbing, electric, and HVAC (heating, ventilation and air conditioning) systems. Projects are assigned to help students learn how to use these systems and develop coordinating contract documents. The course also covers natural energy sources with attention to insulation techniques and the structural types of passive-solar and earth-sheltered. This course is normally offered in the spring semester.

3623 COMMERCIAL DESIGN I
Prerequisites: ARTS-1643. ARTS-1653, and ARTS-2653.
A study of contract/commercial design and space planning principles. Projects involve public or business spaces, with barrier-free design principles included. Drafting and presentation skills are further reinforced. This course is normally offered in the fall semester.

3633 CONTEMPORARY INTERIOR DESIGN
A study of design movements affecting furniture and interiors from 1900 to present, emphasizing the evolution in design concepts and philosophies of eminent architects and designers. This course is normally offered in the fall semester of odd-numbered years.

3643 COMMERCIAL DESIGN II
Prerequisite: ARTS-3623.
A study of non-residential interiors with an emphasis on programming, light safety and building codes, barrier-free design and space and activity planning of the interior environment. This course is normally offered in the spring semester.

3773 THE BUSINESS OF BRANDING YOURSELF
Prerequisite: Junior standing.
A study directed to the challenges of seeking employment in creative industries after graduation, establishing a business, and developing healthy professional and personal finance practices. This course is normally offered in the spring semester.

4213 OPEN STUDIO
Prerequisite: ARTS-3213.
Advanced painting course emphasizing the production of finished portfolio with preparation of student's senior exhibition. This course is normally offered in the fall semester.

4223 GAMING AND ANIMATION STUDIO
Prerequisites: ARTS-3173, ARTS-3453, and Senior standing and permission of instructor.
Students participate in the new media production process for design and development

of client driven projects in a team environment. This course is normally offered in the fall semester.

4253 INTEGRATED MARKETING DESIGN
Prerequisite: ARTS-3253.
A study of integrating various vehicles of communication into a single message. Studio work includes advertising, graphic design and new media design to market a product, service or idea based upon research and strategy-based concepts. This course is normally offered in the spring semester.

4333 COMMERCIAL STUDIO PHOTOGRAPHY
Prerequisite: ARTS-2403 and ARTS-3363.
Students will work in a digital format with an emphasis on producing a professional portfolio of photographic images encompassing fine art and commercial applications. As a final studio course, students will be required to submit work to national photographic competitions and public exhibitions. This course is offered as needed.

4523 ILLUSTRATION II
Prerequisite: ARTS-3523.
An advanced illustration studio class that concentrates on producing and refining a body of work to augment the student's portfolio. Continued focus on traditional vehicles of illustration such as editorials, posters, and collateral materials and exploration of non-traditional approaches to the illustration medium. This course is normally offered in the spring semester.

4613 INTERIOR DESIGN PROFESSIONAL PRACTICES AND PORTFOLIO
Prerequisite: ARTS-3643.
A history and introduction of interior design career management focusing on professional responsibilities, professional organizations, management of office processes, client relationships, and overview of establishing and organizing a business. This course will culminate with a portfolio presentation to a panel of professionals. This course is normally offered in the spring semester.

4633 SENIOR INTERIOR DESIGN STUDIO
Prerequisite: ARTS-3643, Senior standing.
Designing interior solutions related to non-residential interiors. This senior-level course will also survey business procedures, contract services and administration and preparation for job market entry as applied to the practice of Interior Design. This course is normally offered in the fall semester.

4643 SENIOR EXHIBIT
Prerequisite: Senior standing and instructor's permission.
A showing of visual works developed over the course of the student's college years. This exhibit and reception are the culmination of the student's collegiate experience. This course is offered as needed.

4653 PHOTO + VIDEO CAPSTONE
Prerequisite: ARTS-4213, and ARTS-4333.
Examination of photography + video topics includes: portfolio and resume development, preparations for the workforce and/or graduate studies, and conducting research, and sharing the results with the class. This course is offered as needed.

4663 GAMING + ANIMATION CAPSTONE
Prerequisite: ARTS-3173 and ARTS-4223.
Examination of gaming + animation topics related to ethical concerns includes: portfolio and resume development, preparations for the workforce and or graduate studies, and conducting results with the class. This course is offered in the spring semester.

4810 GRAPHIC DESIGN INTERNSHIP
Prerequisite: ARTS-3243.
An internship with an advertising agency or graphic design studio. 1 credit hour for every 50 hours the student works, not to exceed 3 credit hours per semester. This course is offered as needed.

4820 INTERIOR DESIGN INTERNSHIP
Prerequisite: Junior or Senior standing.
An internship with a residential or commercial design firm. (1 credit hour for every 50 hours of student work, not to exceed 3 credit hours per semester.) This course is offered as needed.

4830 ART INTERNSHIP
Prerequisite: Junior or Senior standing.
An internship with a gallery, museum, theme park, theater production company, frame shop or art supply company. 1 credit hour for every 50 hours the student works, not to exceed 3 credit hours per semester. This course is offered as needed.

4840 GAMING AND ANIMATION INTERNSHIP
Prerequisite: Permission of instructor.
An internship with a new media department. (1 credit hour for every 50 hours the student works, not to exceed 3 credit hours per semester.) This course is offered as needed.

4900 INDEPENDENT STUDY
Prerequisites: Junior or Senior standing and permission of instructor.
Provides opportunity for the well-qualified student to do supervised individual work in an area of special interest. Either art history or studio areas may be chosen. (1-3 hours) This course is offered as needed.

BIBLE (BIBL)

1103 INTRODUCTION TO THE BIBLE I
Prerequisites: permission of instructor.
Introduces students who have little or no familiarity with the Bible or the Christian faith to the basic message, concepts and characters. The course, along with Introduction to the Bible II, prepares students to enter the regular core Bible curriculum the following year. This course Is normally offered in the fall semester.

1203 INTRODUCTION TO THE BIBLE II
Prerequisite: permission of instructor.
This course is a continuation of BIBL-1103 and is also intended for students with little or no familiarity with the Bible. Students will continue learning the basic message, concepts and characters of the Bible. This course Is normally offered in the spring semester.

1112 THE CHRISTIAN SCHOLAR
This course aims to help students from all backgrounds make a smooth transition into the Oklahoma Christian community of scholarship. It will be built around a textual study of the Gospel of Matthew, and will include an introduction to the reasons why Christians put their trust in Christ and in scripture. Through a study of the text of Matthew's Gospel and through small group meetings led by upper-classmen, students will be introduced to Christian teachings about relationships, integrity and other topics which can help them gain the most benefit from Christian higher education.

1312 LIFE OF THE EARLY CHURCH: ACTS
A study of the establishment and growth of the early church. Emphasis is placed on the major Christian doctrines taught in the first century and the application of those doctrines to the life of the early church. This course Is normally in the offered spring semester.

2202 STORY OF THE OLD TESTAMENT
Begins with a survey of periods of Bible history to provide a structure to connect the Bible story from creation through redemption by Christ and the early history of the church. The course develops the first twelve periods which cover the Old Testament. This study considers essential scripture texts in each period, principles in interpreting these scriptures, and related history and archaeology. This course Is normally offered in the fall semester.

2302 STORY OF THE NEW TESTAMENT
Follows Story of the Old Testament and develops the last three periods of Bible history: intertestamental, life of Christ and history of the early church. The course also studies briefly the history of the church since the end of the first century, including both the Reformation Movement and the Restoration Movement. The course also discusses important current issues in the church. This course is normally offered in the spring semester.

2312 EVIDENCES OF CHRISTIANITY (APOLOGETICS)
A study of the evidences for the existence of God and Christ as God's supreme revelation. Emphasis is given to providing a modern case for the existence of the God of the Bible. Non-textual. This course is normally offered in the fall semester.

2512 PERSONAL EVANGELISM
Includes the methods and approaches for doing personal Bible instruction along with intensive study on the biblical issues that typically arise in doing such studies. Non-textual. This course is normally offered every semester.

2713 INTRODUCTION TO MINISTRY
Introduces the ministerial student to Christian ministry in general, with special emphasis on the ministries of pulpit, religious education, and youth. Study focuses on the biblical basis for ministry, management skills, people skills and personal growth. Reading and writing assignments allow the student to emphasize the ministry of choice. Non-textual. This course is normally offered in the fall semester.

3002 GENESIS AND EXODUS
A study of God's work in creation and in establishing his eternal plan of salvation. The following subjects are covered: the biblical account of creation with a study of alternate beliefs such as the theory of evolution, science and faith, the nature of man, temptation and fall, the flood, the call of Abraham and the beginning of the Israelites, the doctrine of divine election, the bondage and the exodus, the Ten Commandments and basic morality, type and ante type of the tabernacle. This course is normally offered in the spring semester of odd numbered years.

3003 VOCATIONAL MINISTRY
A course that examines a range of issues related to Christian ministry when it is not fully remunerated by a church or parachurch agency. Emphasis is placed on applying one's gifts and talents in diverse fields of endeavor that are commonly viewed as "secular" but with the explicit goal of building up the kingdom of God worldwide. Non-textual. Same as MISS-3003. Normally offered every fall semester.

3013 HERMENEUTICS
Prerequisite: BIBL-3203.
A study of the valid rules and principles governing correct biblical exegesis and application. The course is designed to lead the student into a better understanding of how to make applications of biblical teachings and principles. This course is normally offered spring semester.

3033 MISSION PREPARATION
A course taught by one who has served as a missionary. The following subjects are treated: the New Testament concept of missions and missions today; a description of the work of a missionary; doctrinal preparation for the mission field; emotional preparation; spiritual preparation; preparing the supporting home church missionary cycle, entering the host country; communicating with the home church; effective missionary methods for various fields; maintaining physical, mental, emotional, social, and spiritual health in the mission field. Non-textual. Same as MISS-3013. This course is normally offered in the spring semester of odd numbered years.

3043 BIBLICAL MISSIONS METHODS
A course taught by one who has served as a missionary. The following subjects are treated: the New Testament concept of missions and missions today; a description of the work of a missionary; doctrinal preparation for the mission field; emotional preparation; spiritual preparation; preparing the supporting home church; communicating with the home church; effective missionary methods for various fields; maintaining physical, mental, emotional, social, and spiritual health in the mission field; the missionary cycle, entering the host country—reentering the home culture. Non-textual. Same as MISS-3033. This course is normally offered in the spring semester of odd numbered years.

3102 I CORINTHIANS
A thorough analysis of Paul's epistle to the church at Corinth. Special emphasis is given to the problems faced by Christianity in a pagan center and to the application of Christian principles in solving various disorders in conduct and doctrine in a local church. This course is normally offered in the spring semester of even numbered years.

3113 THE NEW TESTAMENT CHURCH
A study of the sociological characteristics of the first century church with special attention to various New Testament letters and to the Gospels' descriptions of the church's organization, mission work, worship and destiny. Non-textual. This course is normally offered in the spring semester of even numbered years.

3143 THE SCIENTIFIC CHRISTIAN
Prerequisites: Junior or Senior standing, science or engineering major, or permission of instructor.
Especially designed to help science majors who are Christians explore the relationship between faith and science. Many Christian college graduates who are trained in the sciences and are also active church members report that people seem to expect them to be able to answer all the hard questions about science and Christianity. This course is not designed to answer all the hard questions, but it is designed to assist Christians in thinking about their own responses to them. This course is normally offered in the fall semester of even numbered years.

3153 CHURCH GROWTH
A study of the dynamics of the intersection between gospel, church and culture. Emphasis will be given to how the gospel engages cultures through the life and witness of the church. Same as MISS-3213. Non-textual. This course is normally offered in the fall semester of even numbered years.

3163 URBAN MINISTRY
An examination of diverse aspects of ministry within urban contexts both in the United States and abroad. Topical areas covered include cities in the Bible, principles of urban evangelism and missions, urban church growth, and ministry in contexts of ethnic, racial, and socioeconomic diversity. Non-textual. This course is normally offered in the spring semester of even numbered years.

3173 CHURCH HISTORY TO 1517
A comprehensive historical survey of the Christian religion from its beginning to the 16th century Reformation. Special emphasis is given to the nature of the early church, later doctrinal controversies, papal development and outstanding personalities of this period. Non-textual. This course is normally offered in the fall semester of even numbered years.

3183 CHURCH HISTORY 1517 TO PRESENT
A continuation of BIBL-3173 dealing with Christian history from the sixteenth-century Reformation to the present, with emphasis on the nineteenth-century Restoration Movement in America. Non-textual. This course is normally offered in the spring semester of even numbered years.

3203 BIBLICAL EXEGESIS
Prerequisite: ENGL-1213.
A study of important tools and methodologies for better understanding of the Bible. Includes the basics of exegesis so students can do serious research. This course is normally offered in the fall semester.

3213 THE PENTATEUCH
An intensive study of the first five books of the Old Testament, with emphasis on key theological themes: creation, sin, God's promises to Abraham, liberation, and the purpose of the Law. This course is normally offered in the fall semester.

3222 RELIGIOUS EDUCATION OF CHILDREN
A study of the age characteristics, motivational principles, learning methods and curriculum for teaching the Bible to children from birth to age 12. Same as YTMN-3222. This course is normally offered every semester.

3223 GALATIANS, I AND II THESSALONIANS
A thorough analysis of three important Pauline epistles. Special attention is given to the relation of Christianity to the Law of Moses and to the second coming of Christ. This course is normally offered in the spring semester.

3233 I AND II TIMOTHY, TITUS
A thorough study of the epistles of Paul to Timothy and Titus with special emphasis on the historical occasion that prompted these letters. Among the issues covered are the qualifications of church leaders, social-ethical obligations of Christians and roles in public assemblies. This course is normally offered in the spring semester.

3243 OLD TESTAMENT PROPHETS: 7TH TO 5TH CENTURY
An introduction to Israel's prophets who lived during the seventh, sixth and fifth centuries. Emphasis will be given to the historical setting and message of each prophet, with special attention to the relevance of these messages for today. This course is normally offered in the fall semester of odd numbered years.

3253 TEACHING THE BIBLE
A course designed to help students prepare Bible lessons that are a good development of a text or a Bible topic and to present it in a way that will illuminate the teaching of scripture. Courses in religious education of children, adolescents, and adults will build on the foundation laid in this course. This course is normally offered in the fall semester.

3313 JAMES TO JUDE
Designed to acquaint the student with the specific content and principles for Christian living found in the General Epistles of the New Testament. This course is normally offered in the fall semester.

3333 CROSS-CULTURAL MINISTRY
A course that examines spiritual, theological, and missiological issues involved in ministering to individuals and groups in intercultural contexts, both foreign and domestic. Non-textual. Same as MISS-3313. This course is normally offered in the spring semester of odd-numbered years.

3413 CHRISTIAN FAMILY
Prerequisite: Junior or Senior standing.
A study of marriage, with emphasis on the characteristics of a Christian family. Special attention is given to communication, financial management, conflict resolution, sexuality, and biblical teaching on marriage. Non-textual. This course is normally offered every semester.

3422 MARRIAGE DEVELOPMENT
A laboratory class designed to assist first-year married couples in diagnosing and intervening in the areas of their marriage that most need strengthening. Because a spiritual foundation is essential to any successful marriage, special attention is given to that area. For married couples only. Non-textual. This course is normally offered in the fall semester.

3423 ARCHAEOLOGY AND THE NEW TESTAMENT
A study of the archaeological findings and site locations that are related to New Testament history and interpretation. Textual or Non-textual. This course is normally offered in the spring semester.

3433 ARCHAEOLOGY AND THE OLD TESTAMENT
A study of site locations and archaeological locations in Bible lands for greater understanding of the Old Testament. Textual or Non-textual. This course is normally offered in the fall semester.

3443 BIBLE AS LITERATURE
In this course students will exam the Bible not only as God's inspired word, but also as a literary text. Critiques and analyses from biblical scholars and scholars of literature will be explored. In addition, students will write about biblical texts paying attention to the literary details in these texts. Same as ENGL-3443. This course is normally offered in the spring semester.

3453 PERSONAL AND FAMILY FINANCE
This course is designed to help individuals and families learn the basics of managing their finances in a biblical way. Topics covered in this class include: budgeting, investing, insurance, buying your own home, and teaching your children about money. Same as FMST-3453. This course is normally offered every semester.

3512 PRISON EPISTLES
A study of the historical background and the contents of Ephesians, Philippians, Colossians and Philemon. Emphasis is given to each epistle's outstanding teachings and practical value. This course is normally offered in the fall semester of odd numbered years.

3612 SPIRITUAL DEVELOPMENT OF CHILDREN
A study of the spiritual development of children as it applies to both churches and parents. Study will focus on how Scripture, tradition, reason, and experience are connected in shaping a child's spiritual development. Through reading, interviewing, and assignments students will learn first-hand how to better equip churches and parents to fulfill this role. This course is normally offered in the fall semester of even numbered years.

3613 JOB TO SONG OF SOLOMON
An introduction to the wisdom and devotional literature of ancient Israel. This course considers the practical lessons of Proverbs, the problem of suffering in the book of Job, the meaning of life in Ecclesiastes, and the language of praise and faith in the book of Psalms. Special attention is given to the relevance of this literature for contemporary life and faith. This course is normally offered in the spring semester.

3673 NEW RELIGIOUS MOVEMENTS
A study of explicitly religious teachings and practices in a wide variety of new religious movements, as well as quasi-religious teachings and practices in such areas as alternative medicine, the environment, self-help and psychotherapy, and the New Age movement. Fulfills the core curriculum non-Western civilization requirement. Same as MISS-3673. Non-textual. This course offered as needed.

3712 HEBREWS
A detailed study of this important New Testament epistle with emphasis on the supremacy of Christ, the old covenant and the new covenant, the danger of apostasy, and the mighty deeds of the faithful. This course normally offered in the spring semester of even numbered years.

3713 CONTEMPORARY ETHICS
This course includes a brief history of ethical theory in Western civilization and a survey of several modern secular ethical systems. These are contrasted with biblical principles and Christian systems during discussions of specific topics such as sexuality, marriage, divorce, abortion, euthanasia, the relation of Christians to the state, wealth and poverty, war and peace, race relations, and social justice. Non-textual. Same as SOCI-3713. This course is normally offered in the fall semester of odd numbered years.

3823 COUNSELING FOR MINISTERS
Prerequisite: PSYC-1113
A study of both theoretical formulation and biblical principles to form the basis for supervised laboratory practice of counseling skills for ministers. Non-textual. This course is normally offered in the spring semester.

3913 HOMILETICS I: PREPARATION & DELIVERY OF RELIGIOUS SPEECHES
Prerequisite: COMM-1213 or permission of instructor.
A study of the theory, practice, and evaluation of the preparation and delivery of sermons and religious speeches. Same as COMM-3913. Non-textual. This course is normally offered in the fall semester.

4113 THE LOCAL CHURCH AND MISSIONS
A study of the responsibility of the local church in world evangelism with suggestions concerning how to lead the local church to accept and carry out its missionary work. Non-textual. Same as MISS-4113. This course is normally offered in the spring semester of even numbered years.

4133 SYSTEMATIC THEOLOGY
A systematic study of the major topics of theology: anthropology, ethics, eschatology, ecclesiology, christology, soteriology, and theology proper (Doctrine of God). Special attention will be paid to doctrinal thinking in the Restoration Movement and to contemporary issues in churches of Christ. Majors only, except by special permission of the instructor. Non-textual. This course is normally offered in the spring semester of odd numbered years.

4213 TEACHING THE BIBLE TO ADOLESCENTS
A study of the age characteristics, motivational principles, learning methods and curriculum for teaching the Bible to adolescents 13-18 years old. This course is normally offered in the fall semester.

4232 LIFE AND WORK OF THE MINISTER
Prerequisite: Junior or Senior Standing.
A course to help ministers prepare to deal with the following topics: personal spiritual development, caring for one's family, care of members with special needs, making church worship more effective, training and equipping members in the church, making effective use of computers in the work of the church, and serving in smaller communities. Non-textual. This course is normally offered in the fall of even numbered years.

4242 TEACHING THE BIBLE TO ADULTS
A study of the age characteristics, motivational principles, learning methods and curriculum for teaching the Bible to adults. This course is normally offered in the fall semester of even numbered years.

4243 OLD TESTAMENT PROPHETS: 8TH CENTURY
A study of Judean and Israelite prophets who lived during the eighth century. Special attention will be given to the historical background and message of each prophet, as well as his contemporary relevance. This course is normally offered in the fall semester of even numbered years.

4303 MISSIONS IN THE CONTEMPORARY WORLD
A study of the impact of various issues upon mission work as it is actually being carried out today around the world, taught by a visiting missionary. Content varies according to the particular field experience of the instructor. Non-textual. Same as MISS-4303. This course is normally offered as needed.

4312 ISAIAH
A detailed study of the book of Isaiah with emphasis on his times, his message, and the topic of Messianic prophecy. This course is offered as needed.

4313 JOSHUA THROUGH NEHEMIAH
An intensive study of the history of Israel from the formation of the nation through the return from Babylonian exile. Based on the historical books of the Old Testament. Textual. This course is normally offered in the spring semester.
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4412 GREAT CHRISTIAN DOCTRINE
A systematic study of the biblical teachings regarding revelation, God, Christ and the Holy Spirit. This course is normally offered in the fall semester of even numbered years.

4413 DANIEL-REVELATION
A study of the books of Daniel and Revelation as examples of apocalyptic literature from the Old and New Testaments. The content of these books is studied with emphasis on the proper approach to this particular type of biblical material. (Counts as either Old or New Testament textual study.) This course is normally offered in the spring semester of even numbered years.

4423 GOSPEL OF JOHN
A study of the life and teachings of Jesus from the viewpoint of the Fourth Gospel. Comparison is made with the Synoptics in appropriate places. Particular emphasis is given to the historical setting at the time the Gospel was written and John's Christology. Textual. This course is normally offered in the fall semester of even numbered years.

4513 HISTORY OF THE BIBLE
A study of the formation of the canon, inspiration, transmission and translation of the books of the Bible. The course is designed to provide a knowledge of and appreciation for the varied history of the English Bible. Non-textual. This course is normally offered in the spring semester of odd numbered years.

4523 SENIOR BIBLE SEMINAR: CHRIST AND HIS WORLD
Christ and His World: Senior Bible Seminar will serve as the capstone for the core Bible classes at Oklahoma Christian by exploring the Christian worldview in relation to other views that students will encounter. It will be a small, discussion-oriented course aimed at helping students understand Christian ways of thinking and acting. While the intent is not for this to be an exhaustive survey, students will explore philosophical, religious and ethical ideas from Christian and non-Christian sources as an aid to understanding how Christians can think and act consistently in the world, especially in relation to those who are from different belief-systems or backgrounds.

4613 ROMANS
A thorough exegesis of the epistle to the church in Rome with attention to the great doctrines of Christianity emphasized by Paul in this book. Textual. This course is normally offered in the fall semester of odd numbered years.

4622 PSALMS
An intensive study of the Book of Psalms for non-Bible majors. Primary objectives include providing the student with a working knowledge of the contents of the book, a fundamental grasp of critical issues in the interpretation of Psalms, and a good understanding of the significance of the Psalms for Christian life and the church. Textual. This course is normally offered in the spring semester.

4713 RESTORATION MOVEMENT
A study of the Scottish origins and American development of the Restoration Movement to the present day. Significant personalities and issues as well as the history and spread of the movement are studied. Same as HIST-3193. Non-textual. This course is normally offered in the fall semester of odd numbered years.

4732 NEW TESTAMENT BACKGROUNDS
An examination of the history, literature, and religious thought of what is known as Second Temple Judaism (586BC-70AD). Special attention will be given to the major themes of the classical Hebrew period, the crisis of Babylonian conquests, Hellenism and Jewish attempts to reconstruct a religious identity in this period. This course is normally offered in the fall semester of even numbered years.

4753 SEMINAR IN CHRISTIAN MINISTRY
Prerequisite: Senior Standing.
A seminar in such matters as the relationship between ministers and elders, personal and practical problems a minister may face, applying for a job, planning the work of ministries, use of the minister's time, and church leadership. Non-textual. This course is normally offered in the spring semester.

4763 HOMILETICS II: ADVANCED HOMILETICS
Prerequisite: BIBL-3913.
A course to build on the basic homiletics course which emphasizes preaching from a specific book in the Bible. In different years, different books of the Bible can be chosen—sometimes from the Old Testament and sometimes from the New. The course will deal with analyzing the needs of a congregation, using the book to develop specific sermons of different types from the content of the book, and offer students an opportunity to present a sermon for critique by the students and teacher. This course is normally offered every other spring in odd numbered years.

4773 HOMILETICS III: PREACHING FROM A BIBLE BOOK
Prerequisite: BIBL-3913 or COMM-3913.
A study of the writing and presentation of sermons, with emphasis on effective public communication. The course also emphasizes analysis of sermons and preparation of a major sermon to be delivered before the Bible faculty. Same as COMM-4773. Non-textual. This course is normally offered in the spring semester of even numbered years.

4803 MINISTRY PRACTICUM
On-site practical service in a local congregation by invitation and under the oversight of the elders and in conjunction with the local minister(s) and a faculty supervisor. The course includes readings, a journal, and a thorough evaluation. Non-textual. This course is normally offered every semester.

4830 NON-TEXTUAL SPECIAL STUDY
Content varies. Course may be repeated. (1-3 hours) This course Is offered as needed.

4840 OLD TESTAMENT SPECIAL STUDY
Content varies. Course may be repeated. (1-3 hours) This course Is offered as needed.

4850 NEW TESTAMENT SPECIAL STUDY
Content varies. Course may be repeated. (1-3 hours) This course Is offered as needed.

4853 CHRISTIANITY AND CULTURE
This course helps students to see that it was God's plan to bless the nations of the world through the culture of the church that is universally adaptable, but that universal culture needs to be distinguished from particular expressions of what it means to be God's church within any specific global context, including the student's own. This course is normally offered on a study abroad trip in the fall semseter.

4860 CROSS-CULTURAL EVANGELISM
Normally taken by students in an exchange program with Ibaraki Christian College in Japan. (2-4 hours) This course Is offered as needed.

4863 MINISTRY PRACTICUM
Practical experience in preaching under the guidance of an experienced supervisor. By approval only. This course is normally offered every semester.

4890 STUDIES OF RELIGIONS OF OTHER LANDS
Content will vary. By approval only. (1-3 hours) This course Is offered as needed.

4900 INDEPENDENT STUDY
Independent study in Old Testament, New Testament or non-textual. This course Is offered as needed.

BIOLOGY (BIOL)

1115 GENERAL BIOLOGY: I CELLULAR AND MOLECULAR SYSTEMS
Prerequisite: Concurrent enrollment in CHEM-1115 OR a "C" or better in CHEM-1115 or equivalent course.
An introductory majors course designed to provide a thorough foundation in cellular and molecular biology by investigating biological, chemical, genetic and evolutionary mechanisms. Students will learn fundamental laboratory skills and techniques to investigate topics covered during lecture. An understanding of these laboratory skills will be essential for success in future biology and chemistry courses. Lecture – 3 hours; Laboratory – 3 hours. This course is normally offered in the fall semester.

1215 GENERAL BIOLOGY II: COMPARATIVE PHYSIOLOGY AND ECOLOGY
Prerequisite: BIOL-1115 with a "C" or better.
An introductory majors course designed to provide a thorough understanding of the diversity of life on earth, including an introduction to the major life forms and comparative plant and animal physiology and systems. Students will also gain understanding in ecosystems, population and community ecology. Students will continue learning fundamental laboratory skills needed for success in future biology and chemistry courses. Lecture – 3 hours; Laboratory – 3 hours. This course in normally offered in the spring semester.

2013 BIOLOGY I
A study of the basic unit of life: a cell, including cell structure, energy transfer, metabolic processes, reproduction, and genetics. Lecture – 3 hours per week; 1 hour Lab – 1 hours per week. Not applicable for credit in a science major. This course is normally offered every semester.

2023 BIOLOGY II
A survey of organisms, emphasizing biological diversity and ecological relationships between organisms. Lecture – 2 hours per week; Lab/discussion sessions – 2 hours per week. Not applicable for credit in a science major. This course is normally offered every semester.

2033 NUTRITION
A study of basic principles of human nutrition applied to health and diseases of the individual, family, and community. Course topics include biochemical aspects of nutrients, nutrient needs throughout the life cycle, and medical nutrition therapy, and its role in different medical conditions. This course is normally offered every semester.

2244 HUMAN ANATOMY
Prerequisite: 4 hours biological science.
A study of human body at cell, tissue, and organ system levels. Course topics include cells, tissues, and anatomical structures of the major organ systems including integumentary, skeletal and muscular system, nervous system, cardiovascular system, digestive system, respiratory, urinary, and reproductive systems. Lab experience includes observation of histological slides, use of models, and fetal pig dissection. Lecture – 3 hours; Laboratory – 3 hours. This course is normally offered in the spring semester.

2314 GENETICS
Prerequisite: BIOl-1115 and BIOL-2114 with a grade of "C" or better.
A study of the principles of heredity and variation with emphasis on Mendelian genetics, genetic aberrations, molecular genetics and current genetics research. Lab experiences reinforce concepts of heredity through genetic mating, statistical analysis of data and methods of DNA isolation, manipulation and analysis. Lecture – 3 hours; Laboratory – 3 hours. This course is normally offered every semester.

2523 ANATOMY AND PHYSIOLOGY I
Prerequisite: BIOL-2013 with a "C" or better.
This course is part one of a two part comprehensive study of human anatomy and physiology at the cell, tissue, and organ system levels. Course topics include cells, cellular metabolism, and tissues, as well as the structure and function of the integumentary system, skeletal system, muscular system, and nervous system. The course includes an integrated lab which includes hands-on experimentation and animal dissections. Lecture/Laboratory – 4 hours. This course is normally offered in the fall semester.

2623 ANATOMY AND PHYSIOLOGY II
Prerequisite: BIOL-2523.
This course is part two of a two part comprehensive study of human anatomy and physiology at the cell, tissue, and organ system levels. Course topics include blood components, as well as the structure and function cardiovascular system, lymphatic system, digestive system, respiratory system, urinary system, and reproductive system. The course includes an integrated lab which includes hands-on experimentation and animal dissections. Lecture/Laboratory – 4 hours. This course is normally offered in the spring semester.

2624 PRINCIPLES OF MICROBIOLOGY
Prerequisites: BIOL-2013 and CHEM-1104.
A study of the microbes, parasites, and infectious elements (e.g., viruses, prions), including the fundamentals of chemistry as applied to metabolism, cell structure and activity of antimicrobial agents. The student will gain a thorough understanding of the practical implications of public health microbiology including microbial control in sanitation, epidemiology and a thorough knowledge of host defenses including details of the immune system function, virulence, immunology and histopathology. The course will also cover a practical application of microbiology in medical testing, vaccination, and treatment of disease. Lecture – 3 hours; Laboratory – 2 hours. This course is normally offered in the spring semester.

3115 HUMAN ANATOMY WITH CADAVER DISSECTION
Prerequisites: Minimum of 64 completed undergraduate credit hours and completion of either general zoology or cellular biology with a grade of "B" or better. Instructor permission required. Junior standing required.
A study of the gross anatomy of the body. Emphasis is given to the skeletal, muscular, nervous, cardiovascular, respiratory, digestive, renal, and reproductive systems. Lab experience includes dissection of the major regions of a human cadaver. Lecture – 3 hours; Laboratory – 6 hours. This course is normally offered in the fall semester.

3214 ENVIRONMENTAL HEALTH
Prerequisite: CHEM-1115 or CHEM-1314 with a grade of "C" or better. Junior standing required.
An introductory course in environmental health encompassing a comprehensive survey of major environmental issues related to personal and community health, including population dynamics, environmental toxins, and environmental degradation. Integrated lecture/Laboratory – 4 hours. This course is normally offered every semester. This course is normally offered as needed.

3224 HUMAN PHYSIOLOGY
Prerequisite: BIOL-1115, BIOL-1314 and BIOL-2114 or BIOL-3115 with a grade of "C" or better. Junior standing required.
A study of the human organism. Emphasis is given to the normal function, regulatory mechanisms and coordination of the neuromuscular, cardiovascular, excretory, digestive, respiratory, endocrine, and reproductive systems. Lab experience includes use of the

physiograph to demonstrate ECG and EMG, blood counting and identification, spirometry, and CPR training. Lecture – 3 hours; Laboratory – 3 hours. This course is normally offered in the spring semester.

3233 EXERCISE PHYSIOLOGY
Prerequisite: BIOL-3224. Junior standing required.
A study of the principles of exercise physiology. The response, adaptation and regulation of the human body during exercise will be examined, from the cellular to the systemic level. Applications to physical training, health, performance and assessment will of emphasized. This course is normally offered as needed.

3324 GENERAL ECOLOGY
Prerequisite: BIOL-1314 with a grade of "C" or better. Junior standing required.
General principles of biotic and abiotic interrelationships, including conservation biology. Field work emphasizes local ecosystems and pollution factors. Lecture – 3 hours; Laboratory – 3 hours. This course is normally offered as needed.

3415 GENERAL MICROBIOLOGY
Prerequisites: BIOL-1115, BIOL-2114 or BIOL-2013 and BIOL-2023 with a grade of "C" or better. Junior standing required.
A study of the structure and function of viruses, rickettsiae, bacteria, fungi, protozoans, flatworms, and roundworms. Special emphasis is given to the isolation, culturing, staining, control, and pathogenesis of the organisms. The genetics, host parasite relations and the immune response are also stressed. Lecture – 3 hours; Laboratory – 4 hours. This course is normally offered in the fall semester.

3432 PATHOGENIC MICROBIOLOGY LAB
Prerequisite: BIOL-3415 or BIOL- 4213 or equivalent with a grade of "C" or better. Junior standing required.
Lab studies involve culture, identification, and control of microorganisms. Also included are the basic immunological concepts and serologic techniques. This course is normally offered in the spring semester.

3433 PATHOGENIC MICROBIOLOGY
Prerequisite: BIOL-3415 or BIOL-4213 or equivalent with a grade of "C" or better. Junior standing required.
A study of pathogenic microorganisms and the diseases they produce in humans. Emphasis is on the physiology, pathogenesis, and epidemiology of specific microorganisms, including host responses. This course is normally offered in the spring semester.

4014 BIOCHEMISTRY I WITH LAB
Prerequisite: CHEM-3115 with a grade of "C" or better. Junior standing required.
A detailed study of the structure and function of the major classes of biomolecules including proteins, lipids, carbohydrates, and nucleic acids. The course also includes in-depth discussions of enzyme mechanisms and catalysis, receptor/ligand interaction, cellular signaling pathways, molecular motors, and membrane structure and function. The lab provides basic biochemical techniques, including differential centrifugation, chromatography, oxidation studies, enzymology, and electrophoresis. Lecture – 3 hours; Laboratory – 3 hours. Same as CHEM-4014 This course is normally offered in the fall semester.

4123 BIOCHEMISTRY II
Prerequisite: CHEM-3115 with a grade of "C" or better.
A detailed overview of intermediary metabolism, including discussion of glycolysis, Krebs cycle, oxidative phosphorylation, amino acid synthesis and catabolism, the urea cycle and nucleotide biosynthesis. Lecture – 3 hours. Same as CHEM-4123. This course is normally offered in the spring semester of odd numbered years.

4213 IMMUNOLOGY
Prerequisite: BIOL-2114 with a grade of "C" or better.
A study of advanced principles of immunology. The nature of the immune response mechanisms, immuno-genetics, diseases of the immune system and applications of immunology in medicine and research are emphasized. Lecture – 3 hours. This course is normally offered in the fall semester.

4223 MOLECULAR BIOLOGY
Prerequisite: CHEM-3115 with a grade of "C" or better. Junior standing required.
An advanced study of molecular biology and genetics with emphasis on the structure, function and mechanisms of the molecules involved in replication, recombination, transcription, RNA processing, translation, and gene expression. Lecture – 3 hours. This course is normally offered in the spring semester of even numbered years.

4301 MOLECULAR BIOLOGY LAB
Prerequisite: BIOL-4223 or concurrent enrollment. Junior standing required.
The student will use standard lab techniques to conduct an independent research project that attempts to answer a pertinent question in the area of molecular genetics or cell biology. Laboratory – 3 hours. This course is normally offered in the spring semester of even numbered years.

4323 ADVANCED CELLULAR BIOLOGY
Prerequisite: BIOL-1115 with a "C" or better. Junior standing required.
This course is designed to provide an advanced cellular view of the plasma and internal membrane systems, mechanisms of cellular structure, adhesion and motility, as well as individual organelles. Students will learn how the each cell system is coordinated together to perform specific cellular functions. Understanding these concepts will provide students a broad cellular foundation for further study of detailed biochemical reactions and molecular mechanisms that happen within these cellular systems. Lecture – 3 hours. This course is normally offered in the spring semester of odd numbered years

4411 INTRODUCTION TO RESEARCH
Prerequisites: CHEM-3115 and 8 hours biological science. Junior standing required.
An introduction to scientific research in one of several labs at or affiliated with OC. Students spend time in research labs observing current biological, chemical, biochemical or biomedical research. Research techniques, methods and selected research papers from the labs visited are discussed at a monthly research seminar. This course is normally offered as needed.

4412 UNDERGRADUATE RESEARCH
Prerequisites: Junior or Senior standing, BIOL-4411 and permission of the instructor. Junior standing required.
A hands-on experience in research at one of several laboratories at or affiliated with OC. The research experience involves reading appropriate research papers, learning appropriate research methods and participating in appropriate seminars. Selection for undergraduate research is competitive and dependent on the number of student applicants, participating laboratories and funding. This course is normally offered as needed.

4414 UNDERGRADUATE RESEARCH
Prerequisites: BIOL-4411 and permission of the instructor. Junior standing required.
A full-time research experience lasting at least 8 weeks in a lab at or affiliated with OC or approved by the instructor. Research programs are competitive, and applications must be submitted by February 1. This course is normally offered in the summer.

4513 HISTORY AND PHILOSOPHY OF SCIENCE
Prerequisite: 16 hours biological science. Junior standing required.
A survey of the great philosophies of the Western tradition and their influence on the history of science. Specific application will be made to the ethical dilemmas of current science. Lecture – 3 hours. This course is normally offered as needed.

4814 FIELD MEDICINE PRACTICUM
Prerequisites: satisfactory standing in pre-medical studies and selection by the science faculty in cooperation with the International Studies Committee. Junior standing required. Practical experience in assisting a physician at a medical missions clinic as part of the student's enrollment in an international studies program. This course Is offered as needed.

4900 INDEPENDENT STUDY IN BIOLOGY
Junior standing required.
Assigned research, readings and reports based on the needs of the individual student. May be taken only by junior or senior science majors with approval of the departmental chair. (1-3 hours) This course Is offered as needed.

BUSINESS ADMINISTRATION (BUSA)

1211 INTRODUCTION TO BUSINESS
An introductory business course designed to acquaint the student in a general way with business terminology, concepts and functions. The course will include broad treatment of business objectives and strategies. Students are introduced to the School of Business Administration and to the skills required to succeed in the field of business. This course is normally offered every semester.

3213 BUSINESS LAW
A survey of the Anglo-American system of jurisprudence as the legal background for the operation of the free enterprise system in our society. The course considers the historical, ethical, social and practical perspectives. It also examines the basic rules of law pertaining to contracts, property, sales, negotiable instruments, secured transactions, agency, employment, partnerships, corporations, insurance, bankruptcy, and wills. This course is offered in the fall semester.

3713 BUSINESS ETHICS
This course examines basic ethical issues involved in the conduct of business from a biblical perspective. Critical thinking regarding organizations as spiritual, social, moral, and ethical entities is explored. Topics include personal responsibility, corporate social responsibility, and the effects of diversity and culture on ethical considerations. This course is normally offered every semester.

4900 INDEPENDENT STUDY IN BUSINESS ADMINISTRATION
Assigned readings, reports and research projects based on the needs of the student. (1-3 hours). A maximum of 3 hours may be counted toward major. This course is offered as needed.

CHEMISTRY (CHEM)

1104 INTRODUCTION TO CHEMISTRY
Prerequisite: SDEV-0103 or higher math course with grade of "C" or better.
A survey course covering atomic structure, bonding, application of mathematics to

chemical equations, acid-base chemistry, gas laws and introductory organic and biological chemistry. The lab includes experiments in these lecture topics emphasizing measurement concepts and calculations. Lecture – 3 hours; Laboratory – 3 hours. This course is normally offered in the spring semester.

1115 GENERAL CHEMISTRY I
Prerequisite: ACT math subscore of 24 or higher, OR MATH-1213 or higher math course with a grade of "C" or better, OR co-req of MATH-1213 or higher math course. Underprepared students are recommended to take SDEV-0133.
First semester of a two-semester sequence for science majors. A study of atomic theory, bonding, periodicity, thermochemistry, gas laws, and, in general, quantitative relationships in chemical and physical processes. Lecture – 4 hours; Laboratory – 3 hours. This course is normally offered every semester.

1215 GENERAL CHEMISTRY II
Prerequisite: CHEM-1115 and MATH-1213 (or higher level math) with a grade of "C" or better or corequisite of MATH-1213 or higher level math.
Second semester of a two-semester sequence for science majors. A study of the liquid and solid states, solubility and acid-base equilibria, thermodynamics, kinetics, oxidation-reduction, electrochemical cells, and complex ions. Also includes an introductory unit on organic chemistry. Lecture – 4 hours; Laboratory – 3 hours. This course is normally offered in the spring semester and summer.

1314 GENERAL CHEMISTRY FOR ENGINEERS
Prerequisite: ACT math subscore of 23 or greater, and co-req of MATH 1213; OR pre-req of SDEV 0133 with a "C" or better, or CHEM 1104 with a "C" or better; and co-req of MATH 1213; OR pre-req of Math 1213 with a "C" or better, or its equivalent credit "C" or better.
A study of stoichiometry, periodicity, electronic structure of the atom, bonding theories, the states of matter, thermochemistry, and chemical thermodynamics, and selected applications for engineering. Lecture – 3 hours; Laboratory – 3 hours. This course is normally offered in the fall semester.

2113 INTRODUCTION TO FORENSIC SCIENCE
A survey course covering the various ways in which science is applied to law. The major fields of forensic science and their basic tenets will be discussed and supported through various readings and outside speaker presentations. Topics of forensic science to be discussed include criminalistics, forensic pathology, forensic anthropology, forensic entomology, forensic psychiatry, forensic odontology, forensic engineering, forensic nursing, forensic accounting, and forensic art. Lecture—3 hours. This course is normally offered in the fall of odd numbered years.

3115 ORGANIC CHEMISTRY I
Prerequisite: CHEM-1215 with a grade of "C" or better.
An integrated study of atomic and molecular orbital theory with the naming of organic compounds, including an introduction to stereochemistry. A study of structure and reactivity of various types of organic compounds, including alkenes, alkynes, dienes, alkanes, alkyl halides, alcohols, amines, ethers, radicals, and epoxides. Principles of mass spectroscopy, infrared spectroscopy, and ultraviolet/visible spectroscopy. Lab exercises include Introduction to lab techniques used in organic analysis, identification, and synthesis, including Fourier transform infrared spectroscopy. Techniques for determining physical properties, such as melting point, boiling point, and refractive index, as well as performing extraction, recrystallization, sublimation, and distillation. Use of the lab notebook and preparation of a detailed lab report. Lecture – 4 hours; Laboratory – 3 hours. This course is normally offered in the fall semester.

3114 ANALYTICAL CHEMISTRY I
Prerequisite: CHEM-3124 with minimum grade of "C" or better.
A course for increasing the understanding of the chemical composition of matter, and the tools and techniques used to make qualitative and quantitative analyses. The student will learn to apply scientific measurement principles in order to understand chemical systems and collect useful information. The student will experience analysis with several techniques and instruments found in the analytical laboratory. Lecture—3 hours; Laboratory—3 hours. This course is normally offered in the fall semester of even numbered years.

3124 ORGANIC CHEMISTRY II
Prerequisite: CHEM-3115 with a grade of "C" or better.
Continuation of the first semester course with emphasis on the study of organic chemical reactions, including the reactions of benzene, the reactions of substituted benzenes, and the structure and reactions of carbonyl compounds that include aldehydes, ketones, and carboxylic acid derivatives. Coverage of oxidation-reduction reactions, heterocyclic compounds, multi-step synthesis processes, and principles. Principles of NMR spectroscopy. Lab exercises include using techniques from first semester lab course plus gas chromatography and NMR to perform and evaluate the following chemical reactions: catalytic hydrogenation of alkenes, hydration of alkenes, synthesis of alcohols, use of nucleophilic substitution to synthesize 1-bromobutane, Grignard synthesis, aromatic substitutions, the Friedel-Crafts acylation reaction, and pinacol rearrangements. Lecture – 3 hours; Laboratory – 3 hours. This course is normally offered in the spring semester.

3214 ANALYTICAL CHEMISTRY II
Prerequisite: CHEM-3114 with a grade of "C" or better.
A course for increasing the knowledge of gathering qualitative and quantitative information about the composition and structure of matter. This course is to help the student gain an understanding of the tools available for solving analytical problems. The pitfalls that accompany physical measurements and the limitations in sensitivity, precision, and accuracy of instrumental measurement will be discussed. The strengths and limitations of instruments that are currently available in modern industrial and research laboratories, such as the gas chromatograph/mass spectrometer, high performance liquid chromatograph, atomic absorption spectroscope, ultraviolet/visible light spectrophotometer, Fourier transform infrared spectroscope, and Raman spectroscope, will be covered in detail. Lecture—3 hours; Laboratory—3 hours. This course is normally offered in the spring semester of odd numbered years.

4014 BIOCHEMISTRY I AND LAB
Prerequisite: CHEM-3115 with a grade of "C" or better, Chemistry major.
A detailed study of the structure and function of the major classes of biomolecules, including proteins, lipids, carbohydrates, and nucleic acids. The course also includes in-depth discussions of enzyme mechanisms and catalysis, receptor/ligand interaction, cellular signaling pathways, molecular motors, and membrane structure and function. The lab provides basic biochemical techniques, including differential centrifugation, chromatography, oxidation studies, enzymology, and electrophoresis. Lecture – 3 hours, Laboratory – 3 hours. Same as BIOL-4014. This course is normally offered in the fall semester.

4113 PHYSICAL CHEMISTRY I
Prerequisites: CHEM-3124 and MATH-2114 with a grade of "C" or better.
Corequisite: CHEM-4121.
A study of the mathematical approaches to the physical properties of chemical systems, including gas laws, thermodynamics equilibria, liquids and solutions, solids, and reaction rates. Lecture – 3 hours. This course is normally offered in the fall semester of odd numbered years.

4121 PHYSICAL CHEMISTRY EXPERIMENTS I
Corequisite: CHEM-4113.
Lab exercises to accompany CHEM-4113, which is a corequisite. Laboratory – 3 hours. This course is normally offered in the fall semester of odd numbered years.

4123 BIOCHEMISTRY II
Prerequisite: CHEM-4014 with a grade of "C" or better.
A detailed overview of intermediary metabolism including discussion of glycolysis, Krebs cycle, oxidative phosphorylation, amino acid synthesis and catabolism, the urea cycle and nucleotide biosynthesis. Lecture – 3 hours. Same as BIOL-4123. This course is normally offered in the spring semester of odd numbered years.

4213 PHYSICAL CHEMISTRY II
Prerequisite: CHEM-4113 with a grade of "C" or better.
Corequisite: CHEM-4221.
A study of quantum mechanical investigations into chemical systems, concentrating on the fundamental nature of atoms, molecules and bonding. These principles are used to discuss the interaction of atoms and molecules with radiation and the statistical behaviors of ensembles. Lecture – 3 hours. This course is normally offered in the spring semester of even numbered years.

4221 PHYSICAL CHEMISTRY EXPERIMENTS II
Prerequisite: CHEM-4121 with a grade of "C" or better.
Corequisite: CHEM-4213.
A continuation of CHEM-4121. Laboratory – 3 hours. This course is normally offered in the spring semester of even numbered years.

4313 FORENSIC TOXICOLOGY
Prerequisite: CHEM-3115 with a grade of "C" or better.
An integrated study of toxicology as it relates to forensic science. This course will provide an introduction to postmortem forensic toxicology, forensic drug testing. Analytical principles, both theory and applications, will be covered for the most commonly encountered analytes. This course is primarily theory and background. Lecture—3 hours. This course is normally offered in the spring semester of odd numbered years.

4414 INORGANIC CHEMISTRY
Prerequisites: CHEM-3124 with a grade of "C" or better.
A study of inorganic chemistry: advanced atomic theory, symmetry and group theory, molecular orbital theory, advanced acid-base theory, coordination chemistry, spectroscopy, and introduction to solid state, main group, organometallic, bioinorganic, and environmental chemistries. Lecture – 3 hours, Laboratory – 3 hours. This course is normally offered in the fall semester of even numbered years.

4514 FORENSIC ANALYSIS
Prerequisite: CHEM-2113 and CHEM-3115 with a grade of "C" or better.
An integrated laboratory/lecture study of various up-to-date technologies utilized by forensic scientists in their application of science to criminal investigations. The laboratory will include many prominent analyses, including blood alcohol, drugs of abuse, ink, fingerprint, glass fragmentation, and explosives. Lecture – 3 hours; laboratory – 3 hours. This course is normally offered in the spring semester of even numbered years.

4611, 4612, 4613 RESEARCH METHODS
Prerequisite: permission of instructor.
A lab-literature approach to advanced topics and methods in chemistry. Work will involve lab experiences beyond those available in other courses, with methods development for undergraduate research projects. (1-3 hours) This course offered as needed.

4711, 4712, 4713 PRACTICUM IN FORENSIC SCIENCE
Prerequisite: CHEM-2113 and CHEM-3115 with grade of "C" or better and recommendation of the chemistry faculty.
A hands-on experience in forensic science research in the chemistry laboratories at OC or in the forensic laboratory of the Oklahoma State Bureau of Investigation (OSBI) Forensic Science Center (FSC) or at another suitable forensic science lab. The student will rotate through all units of the FSC or be assigned a specific unit working on a designated research project or perform a research project at OC. Laboratory—3-8 hours. This course is normally offered in the fall and spring semesters and in the summer.

4900 INDEPENDENT STUDY IN CHEMISTRY
Assigned readings, reports or lab investigations based on the needs and interests of the individual student. Must be administered by a chemistry professor and may be taken only with the approval of both the departmental chair and the instructor directing the study. (1-3 hours) This course is offered as needed.

4901 INDEPENDENT STUDY IN CHEMICAL HEALTH AND SAFETY
Prerequisites: CHEM-3115 with a grade of "C" or better and permission of instructor. Reviewing technical sources of information, understanding the human health and safety of a chemical compound commonly found in the workplace or in the environment. Organizing the information and co-writing with the instructor an informational article for publication in an American Chemical Society peer-reviewed journal. 1 hour. This course is normally offered every semester.

CHILD DEVELOPMENT (CHDV)

3013 NATURE AND CHARACTERISTICS OF EARLY CHILDHOOD
Prerequisite: FMST-1113. Corequisite or prerequisite: PSYC-3523.
After studying the broad field of Early Childhood in relation to its multiple historical, philosophical and social foundations, the candidate will examine how these foundations influence current thought and practice. After exploring the characteristics of the young child from birth to age eight, the candidate will demonstrate observation techniques and planning skills related to developmentally appropriate practice. The candidate will also reflect on the role of the teacher and ethical considerations of the Early Childhood field. (Cross listed with ECED-3013 but will not apply to teacher licensure requirements.) This course is normally offered in the fall semester.

3023 EMERGENT LITERACY
Prerequisites: FMST-1113, CHDV-3013 and PSYC-3523.
This course is a study of the emerging process of language development from infancy through the primary years. The candidate will observe and document a child's development through all four age categories, infant, toddler, preschooler, and primary-aged (eight practicum hours). The candidate will demonstrate understanding of and respect for the socio-cultural diversity of literacy development as well as the interrelationships of culture, language, thought and the function of the home language. Additionally, the candidate will study children's literature to develop an understanding that literature forms a central focus for language and literacy development. The candidate will apply various methods of using literature with children to the home and classroom settings including reading aloud to a child once per week for 14 weeks (eight practicum hours). (Students whose programs do not require admission to teacher education but require this course will receive credit for CHDV 3013 which cannot be applied to licensure requirements.) Same as ECED-3023 and ELEM-3023.

4023 TOPICS IN EARLY CHILDHOOD
Prerequisite: FMST-1113, CHDV-3013 and PSYC-3523.
This is a study of family, family within the community, child behavior, and classroom guidance theories for the preschool and primary age child. The course also includes aspects of health, safety, and nutrition within the contexts of home, child care, and school. Cross listed with ECED-4023 but will not apply to teacher licensure requirements. This course is normally offered in the in the spring semester.

CHILDREN'S MINISTRY (CMIN)

1202 INTRODUCTION TO CHILDREN'S MINISTRY
A study of the history of the child in the Bible and the unique aspects of the profession of Children's Ministry. This course is normally offered in the spring semester.

2122 TEACHING THE BIBLE TO PRESCHOOLERS
A study of the age characteristics, motivational principles, learning methods and curriculum for teaching the Bible to children from birth through age five. This course is normally offered in the fall semester.

2222 TEACHING THE BIBLE TO ELEMENTARY CHILDREN
A study of the age characteristics, motivational principles, learning methods and curriculum for teaching the Bible to children in Grades 1-6. This course is normally offered in the fall and spring semesters.

3212 CURRICULUM DEVELOPMENT FOR CHILDREN'S MINISTRY
This course is designed to equip university students with the skills to develop curriculum for children's ministry and be able to utilize the resources available. This course is normally offered in the spring semester.

3403 LEADERSHIP AND ADMINISTRATION OF CHILDREN'S MINISTRY
A study of the various and unique aspects of leadership and administration necessary to be an effective Children's Minister. This course is normally offered in the fall semester.

3612 SPIRITUAL DEVELOPMENT OF CHILDREN
A study of the spiritual formation of children as it applies to both churches and parents. Study will focus on how Scripture, tradition, reason, and experience are connected in shaping a child's spiritual formation. Through reading, conducting surveys, and assignments, students will learn first-hand how to better equip churches, parents, and teachers to fulfill this role. This course is normally offered in the fall semester of even numbered years.

4313 VOLUNTEERS, PARENTS, AND STAFF IN YOUTH AND FAMILY MINISTRY
This course will equip students to carry out Ephesians 4:11-13. Effective youth and family ministry requires help. Students will learn how to recruit and train volunteers. Equipping parents to do their God-given job (Deuteronomy 6:4-9) will be given priority in the course. Relationships with paid and volunteer staff will be discussed. Students will be required to volunteer at a local church during the semester in the youth and family ministry. Same as YTMN-4313. This course is normally offered in the spring semester.

4412 VITAL ISSUES IN CHILDREN'S MINISTRY
A study of the various and unique aspects of leadership and administration necessary to be an effective Children's Minister. This course is normally offered in the spring semester.

COMMUNICATION (COMM)

1111 INTRODUCTION TO COMMUNICATION
Prerequisite: Communication, interdisciplinary studies, and undeclared majors only.
An overview of print and electronic mass media with illustrations of opportunities available in the area of communication. Students gain an overall understanding of the media before focusing on specific aspects of it in subsequent courses and evaluate their interests and goals as they relate to mass media careers. This course is normally offered as needed.

1211 INTRODUCTION TO ELECTRONIC MEDIA
Prerequisite: Communication, interdisciplinary studies, and undeclared majors only.
Designed to introduce the first-time student to electronic media and Eagle broadcasting. This course is normally offered in the fall semester.

1213 ORAL COMMUNICATION
Study and practice of communication behavior in a variety of situations, focusing on interpersonal and public communication. Media literacy for presentations will also be included. This course is normally offered every semester.

1311 ACTING WORKSHOP
Requires 60 hours in rehearsal and performance in a faculty-directed campus dramatic production, director approval only. This course is normally offered every semester.

1321 TECHNICAL THEATER WORKSHOP
Prerequisite: COMM-1411 or instructor consent.
Requires 60 hours of backstage work in a faculty-approved campus theater production. This course is normally offered every semester.

1341 NEWSPAPER WORKSHOP
Prerequisite: COMM-2113 or instructor consent.
Supervised work on the student newspaper with some instruction. To receive credit, a student must work at least 60 hours. This course is normally offered every semester.

1351 ADVANCED NEWSPAPER WORKSHOP
Prerequisites: Junior or Senior standing and COMM-1341.
Same as COMM-1341, but for juniors and seniors. To receive credit, a student must work at least 60 hours. This course is normally offered every semester.

1371 BROADCAST WORKSHOP
Prerequisite: COMM-1211.
For those involved in the operation and management of Eagle Radio or Eagle Cable. The course includes implementation and development of broadcasting skills and techniques. To receive credit, a student must work at least 60 hours. This course is normally offered every semester.

1381 ADVANCED BROADCAST WORKSHOP
Prerequisites: Junior or Senior standing and COMM-1371.
Same as COMM-1371, but for juniors and seniors. To receive credit, a student must work at least 60 hours. This course is normally offered every semester.

1391 INTERACTIVE MEDIA WORKSHOP
Prerequisite: Interactive Media Majors only.
Implementation and development of interactive media skills and techniques. To receive credit, a student must complete a project or projects requiring at least 60 hours. This course is normally offered in the summer.

1411 INTRODUCTION TO PLAY PRODUCTION
The student will be introduced to technical theater production through a series of hands-on workshops. These workshops will introduce the student to theater lighting, sound, set

building, props, costuming, make-up, house management and publicity. This course is normally offered in the fall semester.

1412 MOVEMENT AND CHOREOGRAPHY FOR THE STAGE
A basic course in body awareness and physical performance. By using an activities approach, this course will address habitual patterns of body usage, achievement of a neutral body, increased body awareness, the use of breath in movement, the use of the body to communicate and styles of physical performance. This course is normally offered In the fall semester of even-numbered years.

2023 HISTORY OF THEATER I
This course will expose students to the development of Western theatrical traditions through primary sources, class lectures and critical dialogue. The course will trace the earliest records of theatrical staging to the rise of eighteenth-century national Theatres in Europe. Special emphasis will be placed on technological innovations, dramatic conventions and the role of politics and ritual in theatrical history. Students will synthesize their coursework in a final project designed for use in a professional or graduate level portfolio. Composition and reading outside of class will be required. This course is normally offered in the fall semester of odd numbered years.

2033 HISTORY OF THEATER II
This course will expose students to the development of Western theatrical traditions through primary sources, class lectures and critical dialogue. But the course will trace the popularity of Romanticism through contemporary postmodern resistance in Europe and the United States. Again, special emphasis will be placed on philosophy, political movements and the relationship between ritual and performance theory. Students will synthesize their coursework in a final project designed for use in a professional or graduate level portfolio. Composition and reading outside of class will be required. This course is normally offered in the fall semester of odd numbered years.

2113 WRITING ACROSS MEDIA
Prerequisite: ENGL-1113.
An introduction to writing skills, with attention to writing news, features, broadcast, public relations and advertising. This course is normally offered every semester.

2213 VOICE AND ARTICULATION
Prerequisite: COMM-1213.
An application of phonetics to the improving of articulation, vocal patterns, and vocal performance. This course is normally offered in the spring semester of odd numbered years.

2223 STAGECRAFT FOR THEATER AND TELEVISION
Prerequisite: COMM-1411.
A basic introduction to the construction of stage scenery, props, stage lighting and sound for theater and television. Using a hands-on approach, the course is of special value to the theater and television student, as well as the art student preparing to work in art galleries or the advertising design student interested in working in the media of theater and television. This course is normally offered in the fall semester of odd numbered years.

2313 ACTING I
Introductory approach to acting through body and voice development. Participation in the campus theater activities is required. Acting I is a course in acting fundamentals. The course focuses on two broad areas: the actor's approach to a role and the develop of the actor's instrument: voice and body. This course is normally offered in the fall semester of odd numbered years.

2413 PHOTOGRAPHIC PRINCIPLES AND PRACTICES
Prerequisite: Communication department major or permission of department.
A course designed for students who need a working knowledge of photography in their chosen profession. Enrollment is limited to specific majors. The course will emphasize composition and content. No darkroom work is required. Digital cameras are allowed if the camera features manual overrides of automatic settings. This course is normally offered in the fall semester.

2513 COMMUNICATION THEORY
Special attention to various types of communication theory and research, including interpersonal, public and mass communication. A unit on the history of communication study is included. This course is normally offered In the spring semester of even numbered years.

2613 MEDIA, FAITH, AND, CULTURE
An introduction to the relationship between the mass media and the culture in which it operates. Major theories of how the media work are introduced. This intermediate course helps prepare students for subsequent courses in news reporting, video and audio production, advertising, and public relations. This course is normally offered in the fall semester of even numbered years.

2643 MEDIA PRODUCTION
Prerequisite: COMM-2113 or COMM-2723.
An orientation to the equipment and technical skills involved in acquiring and editing audio and video in a digital, non-linear environment. Students will apply composition and editing theories to several productions during the term. This course is normally offered in the fall and summer terms.

2723 SCRIPTWRITING FOR TELEVISION AND MOVIES
Prerequisite: ENGL-1113.
An examination and application of the successful patterns, traditions and conventions of narrative scriptwriting for television and film while maintaining creative innovation. During the term each student will write a script for a defined audience. This course is normally offered in the fall semester.

2813 ADVERTISING PRINCIPLES
Prerequisite: COMM-1111 or COMM-2113.
Designed to introduce the student to the history of advertising and its role and function today. The course focuses on current case studies about advertising today and analyze an ad campaign. This course is normally offered in the spring semester of odd numbered years.

2823 PUBLIC RELATIONS PRINCIPLES
Prerequisite: COMM-1111 or COMM-2113.
Study of the function and procedures of public relations with attention to methods of gaining public support for an activity, cause, or movement. The course includes fundamentals of public relations copy for varied media and channels. This course is normally offered in the spring semester of even numbered years.

2833 REPORTING
Prerequisites: COMM-2113, COMM-2643, and ENGL-1213.
A project-based course designed to teach the basic skills of information gathering and processing for various means of distribution including print, broadcast and web. Students will begin maintaining their own portfolio of work. This course is normally offered in the spring semester.

3113 BUSINESS AND PROFESSIONAL COMMUNICATION
Prerequisites: COMM-1213 and ENGL-1213 and Junior standing.
Special attention is given to communication theories as they apply to a variety of business and professional settings, including conflict management, leadership, team management, and professional speaking situations. This course is normally offered every semester.

3123 ORAL INTERPRETATION
Prerequisite: COMM-1213 or permission of instructor.
Study and practice in the oral interpretation of literature. This course is normally offered in the fall semester of even numbered years.

3133 COSTUMING AND MAKEUP
A study of the design and construction of stage costumes and a study of makeup. Laboratory – 4 hours. This course is normally offered in the spring semester of odd numbered years.

3143 BASICS OF VISUAL COMMUNICATION
Prerequisite: ARTS-1103.
Basics of Visual Communication is a general survey of graphic arts, emphasizing techniques, processes, and procedures for putting words and illustrations in print and electronic media with particular attention to elements of effective design. Additionally, the course includes the principles of type use and the application of type in a rapidly-evolving world media, particularly electronic media and media groups where convergence is the practice of the day. This course is normally offered in the spring semester.

3203 ACTING STYLES
Prerequisite: COMM-2313.
The class will devise ways of developing performance anterior to realistic traditions. Emphasis will be placed on dramatic analysis, improvisation, theatre games and bodily exploration and facial masks to produce stylistic performances. Course materials will expose students to several historical or experimental styles of acting through dramatic literature and class exercises. Rehearsal, research and critical writing outside of class will be required. This course is normally offered in the fall semester of even numbered years.

3213 STAGE DIRECTING
Prerequisite: COMM-2313.
Fundamentals of the director's craft. Each student directs a one-act play as the semester project. This course is normally offered in the spring semester of even numbered years.

3223 THEATER DESIGN
Prerequisite: COMM-2223.
Intended to prepare a person to work in the visual media of theater, television, or film. Students learn about a wide variety of materials and methods to visualize and execute a design for theatrical productions. The course is a study of design principles and drafting techniques applicable to all areas of production design. This course is normally offered in the spring semester of even numbered years.

3233 PUBLIC IMAGE & REPUTATION MANAGEMENT
Prerequisite: ENGL-1213, junior standing.
In this course, we will explore communication practices, including emerging social media technologies, and study their ethical application in the contemporary practice of public image and reputation management. We will examine these technologies from a theoretical perspective by reading research and writings from professionals and scholars. This course is normally be offered in the fall semester of even numbered years.

3243 PLANNING, ORGANIZING, AND LEADING EVENTS
Prerequisite: ENGL-1213, junior standing.
Planning, Organizing, and Leading Events introduces you to the many facets of managing an event - from communication and ticketing, to operations and evaluation. You'll learn the importance of planning, budgeting, and customer service. This course is normally offered in the fall semester odd numbered years.

3323 ORGANIZATIONAL COMMUNICATION
Prerequisite: COMM-2513.
An examination of the functions of communication in the organizational setting, with emphasis on the application of recent research and theories to the analysis of communication in organizations. This course is normally offered in the fall semester of even numbered years.

3333 TEAMS AND TEAM LEADERSHIP
Prerequisite: COMM-1213.
A study of the communication patterns and dynamics of small groups. Special attention is given to organizing, participating in and evaluating group discussions. This course is normally offered in the spring semester of odd numbered years.

3341 PUBLIC RELATIONS WORKSHOP
Prerequisite: Junior Standing and at least two terms of COMM 1341 or 1371.
For those involved in structured on-campus public relations experiences. The course provides opportunity for application and development of public relations skills in a supervised environment. To receive credit, the student must work at least 60 hours and meet goals set by the student and professor at the beginning of the term. This course is normally offered every fall semester.

3343 CAMPAIGNS
Prerequisite: Junior standing.
Designed for journalism and broadcasting students to teach the art of writing commercial copy for radio, television, and newspaper. This course complements courses in journalism and broadcasting which emphasize the writing of news. Students also develop an ad campaign. This course is normally offered in the fall semester.

3353 INTERPERSONAL COMMUNICATION
Co or Prerequisite: COMM-2513.
An application of interpersonal communication theory and research to the study of developing relationships and family communication. Course topics include listening, non-verbal communication, conflict management, and gender differences in communication. This course is normally offered in the spring semester.

3413 ARGUMENTATION AND DEBATE
Prerequisite: COMM-1213.
A study of the forms of logical thought with practical identification of these forms and areas such as politics, law, human relations, advertising, evidence, reasoning, and reputation will be covered. This course is normally offered as needed.

3453 ELECTRONIC NEWS WRITING
Prerequisite: COMM-2113 and prerequisite or corequisite: COMM-2643.
Supervised writing to meet the professional demands of organizing and presenting information for broadcast. This course is normally offered in the fall semester of even numbered years.

3543 PUBLIC RELATIONS CASE STUDIES
Prerequisite: COMM-2823 and ENGL-1213.
A study of public relations as currently practiced by corporations, institutions and government. The course includes practical experience in the procedures of media relations and training. This course is normally offered fall semester of even numbered years.

3633 AUDIO FOR MEDIA
Prerequisite: COMM-1211 OR ARTS-2223.
Theories of audio production for both broadcast and non-broadcast applications. Dual and multi-track styles, analog and digital equipment and computer editing are used. This course is normally offered in the spring semester.

3653 TELEVISION FIELD PRODUCTION
Prerequisite: COMM-2643.
Involves more advanced television production techniques with a focus on production for broadband delivery systems, such as broadcast and cable. Examines closely the theories appropriate to quality television production. This course is normally offered in the spring semester.

3703 MOTION GRAPHICS
Prerequisite: ARTS-1103 and COMM-2643.
Use of software (Aftereffects and Photoshop) in the creation of motion graphics for broadcast and multimedia. This course is normally offered in the spring semester of even-numbered years.

3723 INTERVIEWING
Prerequisite: COMM-1111 or COMM-2113 and ENGL-1213, and Junior standing.
Provides the student with the understanding and skills necessary for a variety of interviewing situations, including radio and television. Students are taught listening skills and how to implement these techniques for more effective interviews. This course is normally offered in the spring semester.

3733 MEDIA MARKETING AND SALES
Prerequisite: Junior standing.
Stresses understanding of basic media tools such as radio and television ratings analysis; national rating services and rate cards; media buying for specific demographic targets; and the use of various media as marketing vehicles. This course is normally offered in the spring semester of odd numbered years.

3743 PUBLIC RELATIONS WRITING AND PRODUCTION TECHNIQUES
Prerequisite: COMM-2823 or instructor consent..
Designed to survey the commonly used communications tools in public relations with emphasis on how to work with them. Students will learn to design questionnaires, create annual reports, arrange press conferences, script slide shows and perform other public relations functions that require special expertise. This course is normally offered in the fall semester of odd numbered years.

3823 FEATURE WRITING
Prerequisite: COMM-2113 and ENGL-1213.
Continuation of COMM-2113, including lectures and labs in interviewing, feature writing, opinion writing, investigative journalism, sports, and other specialized areas of journalism. This course is normally offered in the fall semester of even numbered years.

3913 HOMILETICS I: PREPARATION & DELIVERY OF RELIGIOUS SPEECHES
Prerequisite: COMM-1213.
A study of the theory, practice and evaluation of the preparation and delivery of sermons and religious speeches. Same as BIBL-3913. This course is normally offered in the fall semester.

4103 MODERN DRAMA
Same as ENGL-4813 when the genre offered is modern drama. This course is normally offered in the spring semester of even numbered years.

4113 PERSUASION AND ADVOCACY
Prerequisite: COMM-2513
An examination of classical and contemporary theories of social influence with an emphasis on the practical applications of these theories in politics, advertising, religion, and interpersonal communication. This course is normally offered in the fall or summer semester.

4123 ELECTRONIC NEWS PRODUCING
Prerequisite: COMM 2833.
A course focused on the essential task of producing television news for broadcast, cable or the web including newscasts, segments and special programming. A section of the course also focuses on continuing to developing one's ability to prepare effective news packages. Producing involves a great deal of writing. Writing helps the news to be communicated effectively and efficiently. Opportunities for news producers are increasing as local stations add more newscasts or news-oriented programs to differentiate themselves from cable or satellite channels. In addition there are many specialized channels that need producers for regular and special programming 24/7. This course is normally offered in the fall semester of odd numbered years.

4213 PERFORMANCE CONVENTIONS: RELIGIOUS DRAMA
Students will investigate the historical, theoretical and ritual relationship between religion and theatre through reading, critical writing and performance. Special topics will include religious and supernatural dramas, contemporary associations between religion and theatre and the role of theatre in evangelistic ministry. Students will synthesize their coursework in a final project that integrates religion and theatre in scholarly writing or formal staging. Rehearsal and composition outside of class will be required. The two versions of Performance Conventions will alternate. This course is normally offered in the spring semester of every other odd numbered year.

4223 PERFORMANCE CONVENTIONS: EXPERIMENTAL THEATRE
Students will explore the significance and practice of twentieth-century avant-garde movements and experimental staging through performance, reading and critical dialogue. The course will study works and theatre artists outside the conventional Western canon and adopt the ethos and practice of these performance theories in several student generated works. Special attention will be given to integrating experimental practices into student directed projects and using theatre as a means for achieving social justice. This course is normally offered in the spring semester of every other odd numbered year.

4513 ADMINISTRATIVE ASPECTS OF ELECTRONIC MEDIA
Prerequisite: Junior standing.
A study of the programming theories of radio, television and cable services, and of the management structures of those services. Programming simulation is included. This course is normally offered in the spring semester of even numbered years.

4631 SENIOR SEMINAR IN COMMUNICATION
Prerequisites: communication or mass communication major and senior standing.
Resumes and resume tapes or CD-ROM will be prepared by the students. This course is normally offered in the fall semester.

4633 INTERCULTURAL COMMUNICATION I
A survey of the basic concepts of how people communicate effectively across cultural boundaries, with special attention given to the complex nature culture plays in communication. ENGL-4633 fosters in students an understanding and appreciation of their own culture and cultural patterns of communication and those of other cultures. Same as ENGL-4633, MISS-4633 and SOCI-4633 This course is normally offered every semester.

4663 SYMPOSIUM IN PR RESEARCH & PRACTICE
Prerequisite: Must be Public Relations major, senior standing.
Symposium in PR Research & Practice is the capstone course in the sequence of instruction offered in public relations. This course provides students with the opportunity to apply the fundamentals of what has been learned over the course of study in public relations to actual client work. This course is normally offered in the spring semester as needed.

4673 SYMPOSIUM IN PUBLIC COMMUNICATION & LEADERSHIP
Prerequisite: Must be Public Communication & Leadership major, senior standing.
This seminar is the capstone course for the Public Communication and Leadership degree. We will explore the connection between communication and leadership. Particularly, we will examine how the field of communication contributes to effective leadership study. This course is normally offered in the spring semester as needed.

4713 MEDIA LAW
Prerequisites: Junior standing.
Looks at past and current legal decisions that shape the role of the media in society today. The course also examines the legal aspects of both the print and electronic media and also the role of the regulatory agency on the electronic media. This course is normally offered in the fall semester and in the summer.

4723 MEDIA ETHICS
Prerequisites: COMM-4713 and Senior standing.
Designed to introduce the student to the ethical decisions that must be made by both the practitioners and the consumers of the mass media. It is designed to supplement the legal course and give the Christian a higher standard of performance. This course is normally offered in the spring semester.

4733 COMMUNICATION ETHICS
Prerequisite: Senior standing or instructor's consent.
Examines a variety of ethical approaches to communicating. Students will investigate motives for choice making among what may appear to be equally compelling or attractive choices. The assumption of responsibility for communication choices by communicators will highlight class assignments. This course is normally offered in the fall semester of odd numbered years.

4743 INTERNATIONAL CONSULTING AND DEVELOPMENT
A study and application of the international consulting process using social-entrepreneurial tools to address problems in developing nations. Topics addressed include: poverty, "when helping hurts", microfinance, access to capital, problems with aid, social entrepreneurship, fair trade, performance analysis, conscious capitalism, and service centered missions. Each student will work individually and in a team to address a specific, real-world problem or change effort currently underway in a variety of international settings. Same as INTL-4743, MGMT-4743, and MISS-4743 This course is normally offered in the spring semester.

4773 ADVANCED HOMILETICS
Prerequisite: BIBL-3913 or COMM-3913.
A study of the writing and presentation of sermons, with emphasis on effective public communication. The course also studies analysis of sermons and preparation of a major sermon to be delivered before the Bible faculty. Same as BIBL-4773. This course is normally offered in the spring semester of even-numbered years.

4810 SPECIAL STUDIES
An advanced, in-depth study of a particular problem area of mass communication. Content varies, and course may be repeated. (1-3 hours). This course is offered as needed.

4821 MEDIA INTERNSHIP
Prerequisite: Instructor consent.
Practical experience designed to acquaint the student with a specific area of the media in order to assist the student in achieving career objectives. 1-2 hours credit, depending upon the number of hours worked each week. This course is offered as needed.

4831 COMMUNICATION INTERNSHIP
Prerequisite: Instructor consent.
Practical experience designed to acquaint the student with a specific area of the communication field in order to assist the student in achieving career objectives. 3 hours credit, depending upon the number of hours worked each week. This course is offered as needed.

4900 INDEPENDENT STUDY IN COMMUNICATION
Prerequisite: Instructor consent.
Requires a creative project involving the student in a deeper study of some area of communication. Guided readings or research project based on prospectus is presented by the student after consultation with the instructor. The course may be taken by juniors and seniors with approval by the departmental chair after consultation with the instructor. This course is offered as needed.

COMPUTER ENGINEERING (CENG)

3113 DATA COMMUNICATIONS AND NETWORKING
Prerequisites: Admitted into ECE or CMSC-3443.
An introduction to computer and data communications and types of networks. Strong emphasis in wired and wireless network design with mathematical modeling, simulation, and trade-offs in protocols and hardware. Examination of commonly used protocols and standards. Lecture – 2 hours; Laboratory – 3 hours. This course is normally offered in the fall semester.

3203 INTRODUCTION TO MICROPROCESSORS
Prerequisite: ENGR-2544.
Introduction to the architecture and programming of microprocessors and microcontrollers. Computer organization, addressing modes, assembly language programming techniques and interfacing. Lecture – 3 hours. This class is normally offered in the fall semester.

3213 COMPUTER SYSTEMS
Prerequisite: CENG-3203.
System design using microprocessors. Top-down system design, memory mapping, interrupts and real-time events, analog and digital I/O, device interfacing, advanced programming techniques. Lecture – 2 hours; Laboratory – 3 hours. This course is normally offered in the spring semester.

3223 EMBEDDED SYSTEMS DESIGN
Prerequisite: Admitted to ECE, CENG-3203.
Embedded microcontroller system design using an integrated development environment (IDE). Starting with a set of specifications, a self-contained finished microprocessor-based product will be designed and built. Topics will include controller selection, software development, layout of printed-circuit boards, and test/validation strategies. Lecture – 2 hours; Laboratory – 3 hours. This course is normally offered in the spring semester.

4113 NETWORK SYSTEM DESIGN
Prerequisite: CENG-3113.
A continuation of the study of data communication networks, beginning with advanced topics of modern virtual network protocols, aggregate network design principles. These principles are then applied to an in-depth study of network systems design including processors, memory architectures, and switch fabric technologies. Lecture – 2 hours, Laboratory 3 hours. This course is normally offered in the spring semester.

4233 ADVANCED COMPUTER ARCHITECTURE
Prerequisite: CENG-3213.
Computer organization and design. Fundamentals of computer design, instruction set architectures, instruction-level parallelism, pipelining principles, speculation, thread-level parallelism, memory hierarchies, cache principles, virtual memory, multiprocessors, storage systems, clusters, historical perspectives. Lecture – 3 hours. This course is normally offered in the spring semester.

4303 HDL DESIGN OF MICROPROCESSORS
Prerequisites: Admitted into ECE, CENG-3203.
A continuation of the study of data communication networks, beginning with advanced topics of modern virtual network protocals and agrigate network design principles.
The course includes indepth study of network design including processors, memory architectuers and switching technologies. Students will apply thsese concepts in the lab by developing their own network system on a hand held mobile platform. Lecture – 2 hours; Laboratory – 3 hours. This course is normally offered in the spring semester.

4732 SYSTEMS DESIGN I
Prerequisite: Consent of ECE department.
A recap and extension of problem-solving skills introduced in earlier courses using a systems design approach to prepare the student for the capstone design project work of CENG-4743 and CENG-4753; topics include engineering design terminology, methodology and procedures; technical memos and reports; safety, ethics, information gathering, and team dynamics. Significant emphasis on oral presentations is included. Laboratory – 3 hours. (Same as MECH-4732 and ELEC-4732.) This course is normally offered In the spring semester.

4743 SYSTEMS DESIGN II
Prerequisite: CENG-4732. Corequisite: ENGR-3213.
An implementation of the design methodology covered in Systems Design I. Applications of research and design relating to real world or industry problems; interaction with other fields of engineering and science. CENG-4743 and CENG-4753 constitute a single two-semester project experience. Laboratory – 6 hours. Same as MECH-4743 and ELEC-4743. This course is normally offered in the fall semester.

4753 SYSTEMS DESIGN III
Prerequisites: CENG-4743.
A continuation and completion of the capstone design project begun in CENG-4743. Students not successfully completing the entire project must normally retake CENG-4743/4753 with a new project assignment. Laboratory – 6 hours. (Same as MECH-4753 and ELEC-4753.) This course is normally offered in the spring semester.

COMPUTER SCIENCE (CMSC)

1003 INTRODUCTION TO INFORMATION TECHNOLOGY
Designed to introduce the student to the tools and methods of the information age. Topics include PC hardware and software, the DOS and Windows environments, GUI interface, memory management and use of common PC devices (hard disks, CD-ROM, sound cards, etc.). A relational database is utilized in software development. This course includes laboratory experiences. Lecture – 2 hours; Laboratory – 2 hours. This course is normally offered every semester.

1113 PROGRAMMING I
Prerequisite: SDEV-0103 or a math ACT score of 23 or higher.
An introduction to the discipline of computing. The course has three major objectives: to present computing as a discipline, to develop skills in problem solving using a computer and to teach the software development process. This course includes laboratory experiences in computer science. Lecture – 3 hours; Laboratory – 2 hours. This course is normally offered every semester.

1123 PROGRAMMING II
Prerequisites: CMSC-1003 and CMSC-1113 or permission of instructor.
Corequisite: CMSC-1123L
Continues the development of basic topics in computing, including algorithm design and implementation, and basic data structures such as linked lists and recursion. The course focuses on the software development process, including application design, testing and documentation. This course includes laboratory experiences in computer science. Lecture – 3 hours; Laboratory – 2 hours. This course is normally offered every semester.

2133 OBJECT ORIENTED PROGRAMMING
Prerequisite: CMSC-1123.
Covers object oriented design and implementation issues. Topics include an introduction to modeling tools (e.g, UML), abstraction, inheritance, polymorphism, memory management, and common design patterns. The course also provides an introduction to event handling and GUI development using relevant class libraries. This course is normally offered in the fall semester.

2262 JAVA
Prerequisite: CMSC-1123.
Introduces the syntax and semantics of the programming language Java. This course is offered as needed.

2272 BUSINESS APPLICATION PROGRAMMING (COBOL)
Prerequisite: CMSC-1123.
Introduces the syntax and semantics of the programming language COBOL. This course is offered as needed.

2302 PERL
Prerequisite: CMSC-1123.
Introduces the syntax and semantics of the programming language Perl. This course is offered as needed.

2312 ADVANCED C++
Prerequisite: CMSC-2133.
Special attention will be given to problem solving, program design, efficiency of code, and testing program correctness. This course is offered as needed.

2322 VISUAL BASIC.NET
Prerequisite: CMSC-1123.
Introduces the syntax and semantics of the programming language Visual Basic.NET. This course is offered as needed.

2332 C#
Prerequisite: CMSC-1123.
Introduces the syntax and semantics of the programming language C#. This course is offered as needed.

2352 RUBY ON RAILS
Prerequisite: CMSC-1123.
Introduces the syntax and semantic of the programming language Ruby on Rails.This course is offered as needed.

2413 INTRODUCTION TO ASSEMBLY LANGUAGE
Prerequisites: CMSC-1123 and MATH-1623 or departmental permission.
An introduction to assembly language concepts and programming. The topics include binary and hexadecimal number systems, data representation methods, addressing techniques and subroutines. This course is normally offered in the fall semester.

2423 INTRODUCTION TO FILE PROCESSING
Prerequisite: CMSC-1123.
An introduction to concepts and techniques of structuring data on external storage devices. Both sequential and random access media will be covered. Topics include traversing and balancing binary, B and AVL trees, as well as techniques for implementing inverted lists and indexed sequential and hierarchical structures. This course is normally offered in the spring semester.

2923 GAME PROGRAMMING
This course provides an introduction to game programming within a contemporary game engine environment (e.g., Unity3D). Topics include tool usage, basic asset creation, the game engine API, and data structures and logic for two and three-dimensional games. This course assumes familiarity with at least one object oriented programming language. Both C# and JavaScript are used in this course. This course is offered as needed.

3233 DATA STRUCTURES AND ALGORITHM ANALYSIS
Prerequisites: MATH-1623 and CMSC-2423.
Pre-or Corequisite: CMSC-2133.
Covers the characteristics of data structures and their implementation. Topics include advanced lists, trees, hashing schemes, and introductory algorithm analysis. This course is normally offered in the fall semester.

3243 COMPUTERS AND SOCIETY
Prerequisite: 18 hours of computer science.
Provides insight into the role of the computer in modern society and its impact upon the individual. Topics include legal issues, dangers posed by computers, public perception of computers, and computer scientists' and futurists' views of computing. This course is offered in the fall semester of odd numbered years.

3423 INTRODUCTION TO COMPUTER GRAPHICS
Prerequisites: CMSC-2133 and CMSC-2423.
An introduction to the fundamental techniques of computer graphics. Topics include two- and three-dimensional graphing, hidden-surface algorithms, animation, and applications of graphics. This course is normally offered in the fall semester of odd numbered years.

3443 COMPUTER ORGANIZATION AND ARCHITECTURE
Prerequisite: CMSC-2413.
An introduction to the organization and structuring of the major hardware components of computers. Emphasis is placed upon the mechanics of information transfer and control within a digital system and the fundamentals of logic design. Topics include the control unit, memory, ALU, I/O and interfacing. Some lab experience is included. This course is normally offered in the spring semester.

4103 DATA COMMUNICATIONS AND NETWORKING
Prerequisite: CMSC-3443 or ELEC-3203.
A study of the concepts and terminology of data communications, network design and distributed information systems. Topics include transmission service and equipment characteristics, protocols, data communication software and federal regulatory policy. This course is normally offered in the spring semester.

4123 INTRODUCTION TO SOFTWARE TOOLS
Prerequisite: CMSC-2423.
An introduction to a variety of computer-aided design and development tools, such as CASE tools, multimedia, software development aids, OOP, desktop publishing, and graphics software. This course is normally offered in the fall semester of even numbered years.

4213 SYSTEMS ANALYSIS AND DESIGN
Prerequisites: CMSC-4323 and CMS-C4123.
An overview of the systems development life cycle with emphasis on the tools and techniques of information analysis and structured system design. Students work in a project team to complete a major systems development project. Lecture – 3 hours; Laboratory – 2 hours. This course is normally offered in the spring semester of odd numbered years.

4223 COMPUTER SIMULATION
Prerequisite: CMSC-2423.
An introduction to the application of programming to the design and implementation of computer simulations. Topics include simulation languages and the application of stochastic processes to simulation theory. This course is normally offered in the spring semester of even numbered years.

4323 DATABASE PROCESSING
Prerequisite: CMSC-2423.
An introduction to database systems. Topics include the design and implementation of the major database models. This course is normally offered in the fall semester of even numbered years.

4413 OPERATING SYSTEMS
Prerequisites: CMSC-3233 and CMSC-3443 or CENG-3203.
An examination of the major features of an operating system and its interaction with the hardware at the register level. Topics include memory management, job scheduling, and multi-programming. This course is normally offered in the spring semester.

4513 PROGRAMMING LANGUAGES
Prerequisite: CMSC-2133 or CMSC-2423.
A study of the organization of programming languages. Topics include data types, sequence control, data control, and operating environment considerations. Several high-level languages will be studied. This course is normally offered in the spring semester of odd numbered years.

4713 ARTIFICIAL INTELLIGENCE
Prerequisite: CMSC-3233.
An introduction to the study of artificial intelligence. Topics include problem solving using state-space and problem reduction techniques, search methods, game playing, and predicate calculus. This course is normally offered in the spring semester of even numbered years.

4811 SEMINAR IN COMPUTER SCIENCE
Prerequisite: 35 hours of computer science.
A seminar designed to unite the varied elements of the computer science major. A written and oral presentation covering a current research topic in computer science is required. This course is normally offered fall and spring semester.

4900 INDEPENDENT STUDY IN COMPUTER SCIENCE
Assigned research, readings and reports based on the need of the individual student. May be taken only with permission of the instructor and of the departmental chair. See departmental guidelines for further information. This course is offered as needed.

4901 INTERNSHIP FOR COMPUTER SCIENCE
On job experience is a valuable way for students majoring in Computer Science to practice and improve their skills. Working with real world problems enhances the theoretical curriculum we offer and gives students a new perspective on concepts they have been taught. Enrollment in this course will be under the supervision of an individual Computer Science professor, who will work with the student's supervisor. A journal or summary paper of the internship experience will be required at the conclusion of the employment period. A 12 week practicum at 20 hours per week will correspond to 1 hour of credit. Prior permission of the Computer Science department is necessary for enrollment. 1 credit hour.

CULTURE (CLTR)

1101 STUDY ABROAD SEMINAR-EUROPE
This course is required for students participating in the Summer or Fall European Study Programs. Students conduct initial research on the countries they will visit as part of the program and complete the necessary pre-departure preparation. This course is normally offered in the spring semester

1103 ENGLISH CONVERSATION
An intermediate course in the English language for non-speakers. The course includes a review of basic English grammar, readings in the language, pronunciation drills and conversation. It is open only to international students participating in the Language and Culture Institute. This course is normally offered in the fall semester.

1201 STUDY ABROAD SEMINAR-PACIFIC RIM
This course is required for students participating in the Pacific Rim Study Program. Students conduct initial research on the countries they will visit as part of the program and complete the necessary pre-departure preparation. This course is normally offered in the spring semester.

1203 AMERICAN CULTURE
An intermediate course in American culture for non-native speakers. Emphasis may vary (literature, art, history, etc.) according to the instructor teaching the course. It is open only to international students participating in the Language and Culture Institute. This course is normally offered in the spring semester.

1301 STUDY ABROAD SEMINAR - LATIN AMERICA
This course is required for students participating in the Latin American study program. Students conduct initial research on the countries they will visit as part of the program and complete the necessary pre-departure preparation. This course is normally offered in the spring semester.

2103 LANGUAGE AND CULTURE-EUROPE
A study of conversational German and European culture for students on the Fall European Studies program. Not applicable for degree language requirements. This course is normally offered in the fall semester.

2913 WESTERN ARTS AND CULTURE
An analysis of the confluent events and expressions – historical, political, religious, philosophical, literary, artistic, and scientific – that shaped Western art, culture, and values. Important connections, interrelationships, and conversations among key texts, artistic works, historical events and interacting cultures. This course Is normally offered in the fall semester.

EARLY CHILDHOOD EDUCATION (ECED)

3013 NATURE AND CHARACTERISTICS OF EARLY CHILDHOOD
Prerequisites: admission to teacher education; EDUC-3213 (may enroll concurrently).
After studying the broad field of Early Childhood in relation to its multiple historical, philosophical and social foundations, the candidate will examine how these foundations influence current thought and practice. After exploring the characteristics of the young child from birth to age eight, the candidate will demonstrate observation techniques and planning skills related to developmentally appropriate practice. The candidate will also reflect on the role of the teacher and ethical considerations of the Early Childhood field. This course includes field experience which is scheduled within the time allotment of the class. (Students whose programs do not require admission to teacher education but require this course will receive credit for CHDV-3013, which cannot be applied to licensure requirements.) This course is normally offered in the fall semester.

3023 EMERGENT LITERACY
Prerequisites: admission to teacher education; ECED-3013.
This course is a study of the emerging process of language development from infancy through the primary years. The candidate will observe and document a child's development through all four age categories, infant, toddler, preschooler, and primary-aged (eight practicum hours). The candidate will demonstrate understanding of and respect for the socio-cultural diversity of literacy development as well as the interrelationships of culture, language, thought and the function of the home language. Additionally, the candidate will study children's literature to develop an understanding that literature forms a central focus for language and literacy development. The candidate will apply various methods of using literature with children to the home and classroom settings including reading aloud to a child once per week for 14 weeks (eight practicum hours). (Students whose programs do not require admission to teacher education but require this course will receive credit for CHDV 3013 which cannot be applied to licensure requirements). Same as CHDV-3023 and ELEM-3023. This course is normally offered every fall semester.

4013 COGNITIVE SKILLS
Prerequisites: admission to teacher education; ECED-3013.
Practicum: 30 hours, ECED-4013P..
This is a study of current thought and practice in how young children from birth to age eight learn. This course gives pre-service teachers opportunities in the implementation of meaningful, integrated learning experiences with emphasis in math, science, and social studies. The course also includes the use of developmentally appropriate methods that encourage open-ended questioning, problem solving, cooperative learning, inquiry, integrated curriculum, and the value of play.

4023 TOPICS IN EARLY CHILDHOOD
Prerequisites: admission to teacher education; ECED-3013.
The candidate will describe and apply behavior and guidance theories for the young child from infancy through age eight. The candidate will also demonstrate techniques for planning and implementation of parental involvement, and understanding the children and their families in the context of society. (Students whose degree programs do not require admission to teacher education but require this course will receive credit for CHDV-4023, which cannot be applied to licensure requirements.) This course is normally offered every spring semester.

4111 EARLY CHILDHOOD PRACTICUM
Prerequisites: admission to teacher education; ECED-3013; ECED-3023 and ECED-4013.
Practicum: 60 hours.
This class will meet one hour a week for approximately six weeks to discuss the aspect of early childhood professionalism. The field experience of 40 clock hours is divided between working in an infant/toddler child development program (30 hours) and completing an extensive child case study (10 hours). It is designed to provide the candidate the opportunity to engage in activities with young children and their families, based on what the candidate has studied in previous or concurrent early childhood coursework. While in the classroom the teacher candidate will observe both the children and the teachers, interact with children, and plan and implement activities with the children. In addition to the classroom time, the candidate will closely observe a child within the context of the family, write a developmental profile of the child, and discuss the profile with the parents. This course is normally offered every semester.

ECONOMICS (ECON)

2113 MACROECONOMIC PRINCIPLES
A study of the economic system as a whole, dealing with price levels, employment, the level of total production of goods and services and growth. The course includes study of the free enterprise system and of government monetary and fiscal policy. This course is normally offered every semester.

2213 MICROECONOMIC PRINCIPLES
Prerequisite: ECON-2113.
A study of specific economic units within a free enterprise economy such as individual consumers, businesses, or industries. The pricing and output of goods and services and the pricing and employment of labor and capital are studied. This course is normally offered every semester.

4900 INDEPENDENT STUDY IN ECONOMICS
Prerequisites: Junior or Senior standing and approval of the chair of the school. (1-3 hours).
Guided readings or research projects arranged in consultation with advisor. This course is offered as needed.

EDUCATION (EDUC)

3121 ORIENTATION TO TEACHER EDUCATION
Prerequisites: ENGL-1113, grade of C or above, GPA – 2.65.
Corequisite: concurrent enrollment in EDUC-3122.
Practicum: 33 hours.
Prospective candidates will be placed in a public school with a diverse student population to observe instructional classroom management and assessment strategies used by classroom teachers. Students will apply for admission to teacher education and will begin the Teacher Education Documentation Portfolio process required by Oklahoma. This course is normally offered every semester.

3122 THE SCHOOL IN AMERICAN CULTURE
Prerequisites: ENGL-1113 grade of C or above, GPA – 2.65.
Corequisite: concurrent enrollment in EDUC-3121.
Prospective candidates will be able to explain the role and contributions of education in a democratic society and to state their personal philosophies of education. Emphasis is placed on history, philosophies and current trends. Course must be completed with a grade of C or better to gain admission to teacher education. This course is normally offered every semester.

3213 LEARNING, INSTRUCTION AND ASSESSMENT
Prerequisite: admission to teacher education.
Corequisite: concurrent enrollment EDUC-3422 recommended.
Candidates will be able to relate contemporary theories of learning to instruction and develop skill in planning, instruction, and assessment of student learning. Focus: Oklahoma core curriculum and instructional strategies, plans based in Oklahoma C3 Standards, and common core state standards. (Majors in the College of Biblical Studies may enroll with permission of instructor as the only prerequisite.) This course is normally offered every semester.

3422 EDUCATIONAL TECHNOLOGY
Prerequisite: admission to teacher education.
Corequisite: concurrent enrollment EDUC-3213 recommended.
Candidates will be able to use computers to prepare instructional materials to enhance classroom instruction in other ways. Competence is developed in operating and effectively using equipment and materials commonly used by classroom teachers. This course is normally every semester and summer.

3723 EDUCATION OF THE EXCEPTIONAL CHILD
Prerequisite: admission to teacher education.
After surveying various types of exceptionalities found in children and adolescents, candidates will be able to suggest adaptations in classrooms and teaching strategies to meet the needs of PK-12 students who have identified exceptionalities. This course is normally offered every semester and some summers.

4013 HUMAN RELATIONS AND BEHAVIOR MANAGEMENT
Prerequisites: admission to student teaching; Overall GPA 2.75, Major GPA 3.0.
Corequisite: Concurrent enrollment in EDUC-4133 and student teaching.
Candidates will relate self-image and communications skills to classroom interaction while developing skill in using behavior management approaches based on discipline models which reflect current thinking. Emphasis is placed on warmth, empathy, and genuineness; cultural diversity issues are addressed by examining case studies and participating in appropriate activities. This course is normally offered every semester.

4112 READING IN THE CONTENT AREAS
Prerequisites: EDUC-3213; admission to teacher education.
Practicum: 33 hours (EDUC-4412P).
Candidates practice strategies crucial to developing students into independent comprehenders. The course focuses on the importance of reading in the various content area as central to accessing knowledge. This course is normally offered in the spring semester.

4131 APPLIED INSTRUCTIONAL AND ASSESSMENT STRATEGIES
Prerequisites: admission to student teaching
A one hour course for senior education majors taken during the student teaching semester. Candidates will acquire additional knowledge in the areas of effective instructional strategies and assessment practices and apply their learning in the field via the Teacher Work Sample (TWS). This course is normally offered in every semester.

4132 CRITICAL ISSUES IN EDUCATION
Prerequisites: admission to student teaching; Overall GPA 2.75, Major GPA 3.0
Corequisite: concurrent enrollment EDUC-4013 and student teaching.
Candidates demonstrate skill in communicating with students, parents, colleagues, and others in the school community. Emphasis is placed on the role of the teaching profession in curriculum change and school improvement. This course is normally offered every semester.

4422 ELEMENTARY MUSIC METHODS
Prerequisites: EDUC-3213; admission to teacher education.
Methods for teaching general music in the elementary school. Course requirements include 18 hours of field experience. This course is normally offered in the fall semester odd years.

4432 SECONDARY INSTRUMENTAL MUSIC METHODS
Prerequisites: EDUC-3213; admission to teacher education.
Organization and administration of the instrumental curriculum, including teaching methods and materials for teaching instrumental music at secondary school levels. This course includes 18 hours of field experience. This course is normally offered in the fall semester even years.

4442 SECONDARY VOCAL MUSIC METHODS
Prerequisites: EDUC-3213; admission to teacher education.
Methods for teaching vocal music at secondary school levels. This course includes 18 hours of field experience. This is course normally offered in the fall semester even years.

4463 METHODS OF TEACHING MATHEMATICS IN SECONDARY SCHOOLS
Prerequisites: EDUC-3213; admission to teacher education.
Practicum: 45 hours (EDUC-4463P).
Methods and materials for instruction and evaluation in mathematics at secondary school levels. The course includes a practicum. This course is normally offered in the fall semester.

4473 METHODS OF TEACHING SOCIAL STUDIES IN SECONDARY SCHOOLS
Prerequisites: EDUC-3213; admission to teacher education.
Practicum: 45 hours (EDUC-4473P).
Methods and materials for instruction and evaluation in social studies at secondary school levels. The course includes a practicum. This course is normally offered in the fall semester.

4533 METHODS OF TEACHING SCIENCE IN SECONDARY SCHOOLS
Prerequisites: EDUC-3213; admission to teacher education.
Practicum: 45 hours (EDUC-4533P).
Methods and materials for instruction and evaluation in science at secondary school levels. The course includes a practicum. This course is normally offered in the fall semester.

4553 METHODS OF TEACHING LANGUAGE ARTS IN SECONDARY SCHOOLS
Prerequisites: EDUC-3213; admission to teacher education.
Practicum: 45 hours (EDUC-4553P).
Methods and materials for instruction and evaluation in language arts at secondary school levels. The course includes a practicum. This course is normally offered in the fall semester.

4618 STUDENT TEACHING IN THE ELEMENTARY SCHOOL
Prerequisites: Admission to student teaching; Overall GPA 2.75, Major GPA 3.0.
Corequisite: Concurrent enrollment in EDUC-4013, EDUC-4131 and EDUC-4132.
Candidates will demonstrate competencies required by Oklahoma for licensure in elementary education during two 6-week assignments in two grade levels in public schools in the Oklahoma City metropolitan area. Each OC candidate will be observed and evaluated regularly by a faculty member from the OC School of Education. Student teachers will meet weekly with university supervisors. This course is normally offered every semester.

4718 STUDENT TEACHING IN THE SECONDARY SCHOOL
Prerequisites: Admission to student teaching; major GPA 3.0.
Other: Concurrent enrollment in EDUC-4013, EDUC-4131 and EDUC-4132.
Candidates will demonstrate competencies required by Oklahoma for licensure in grades 7-12 during two 6-week assignments, one in a high school and one in a middle/junior high school, in the Oklahoma City metropolitan area. Each OC candidate will be observed and evaluated regularly by an OC School of Education faculty member. Student teachers will meet on campus weekly with university supervisors. This course is normally offered every semester.

4818 STUDENT TEACHING IN THE ELEMENTARY AND SECONDARY SCHOOLS
Prerequisites: Admission to student teaching; Overall GPA 2.75, Major GPA 3.0.
Corequisite: Concurrent enrollment in EDUC-4013, EDUC-4131 and EDUC-4132.
Candidates will demonstrate competencies required by Oklahoma for licensure in grades K-12. Candidates will be assigned to a secondary school, either junior high/middle or high school, and to an elementary school (Oklahoma City metropolitan area) to complete 6 weeks of student teaching in each. Each OC candidate is observed and evaluated regularly by an OC School of Education faculty member. Student teachers will meet weekly with university supervisors. This course is normally offered every semester.

4900 INDEPENDENT STUDY IN PROFESSIONAL EDUCATION
Prerequisites: Junior or Senior standing; Approval of the Chair of the School of Education.
Assigned reading and reports based on the needs of the individual student. This course is offered as needed.

ELECTRICAL ENGINEERING (ELEC)

3123 COMMUNICATION SYSTEMS
Prerequisite: ELEC-3504.
An introduction to electronic communication systems. Performance criteria, capacity analysis, modulation systems, coding methods, detection and synchronization, link analysis, comparative analysis of signals and systems. Lecture – 3 hours. This course is normally offered in the spring semester.

3303 INTRODUCTION TO ELECTRONICS
Prerequisite: Admitted into ECE.
Analog circuits with an emphasis on power circuits, transformers, operational amplifiers, and interfacing with sensors and digital systems. Lecture – 2 hours; Laboratory – 3 hours. This course is normally offered in the fall semester.

3313 ELECTRONICS
Prerequisite: Admitted into ECE.
Introduction to basic semiconductor devices: diodes, bipolar junction transistors, and field-effect transistors. Discrete component electronics. Introduction to integrated circuits. Lecture – 2 hours; Laboratory – 3 hours. This course is normally offered in the spring semester.

3403 CONTINUOUS-TIME LINEAR SYSTEMS
Prerequisite: Admitted into ECE.
Time and frequency domain analysis of Linear Time-Invariant Continuous-Time (LTIC) systems. Representation of signals and systems through the use of Fourier series, Fourier and Laplace transforms. LTIC system modeling and realization of electrical systems with transfer functions and state-space variables. Lecture – 2 hours; Laboratory – 3 hours. This course is normally offered in the fall semester.

3503 DISCRETE-TIME LINEAR SYSTEMS
Prerequisite: Admitted into ECE.
Time and frequency domain analysis of Linear Time-Invariant Discrete-Time (LTID) systems using difference functions, Fourier transforms, and Z-transforms. LTID system modeling and system realization with transfer functions. Introduction to stochastic processes. Lecture – 3 hours. This course is normally offered in the fall semester.

3504 SIGNALS AND SYSTEMS
Prerequisite: Admitted into ECE.
Time and frequency domain analysis of discrete-time and continuous-time signals and systems. Fourier, Laplace and Z transforms. Filtering and frequency response. Lecture – 3 hours; Laboratory – 3 hours. This course is normally offered in the fall semester.

3523 DIGITAL SIGNAL PROCESSING
Prerequisites: ELEC-3504.
Analysis, design, and implementation of discrete-time systems. FIR/IIR systems, parametric and non-parametric power spectrum estimation and optimal filtering, finite-word length effects. Lecture – 2 hours; Laboratory – 3 hours. This course is normally offered in the spring semester.

3613 ELECTROMAGNETIC FIELDS
Prerequisite: Admitted into ECE.
A study of Maxwell's equations and applications; EM waves, transmission lines, and introduction to antennas. Lecture – 3 hours; Laboratory – 0 hours. This course is normally offered in the fall semester.

4113 COMMUNICATION SYSTEMS
Prerequisite: ELEC-3403 and ELEC-3503.
Design and analysis of analog and digital communication systems in the presence noise. Topics include capacity analysis, performance criteria, modulation systems and link analysis. Lecture – 3 hours. This course is normally offered in the spring semester of odd-numbered years.

4323 ELECTRONIC DEVICES
Prerequisite: ELEC-3313.
Introduction to physics of semiconductor devices. The three electronic devices from Introduction to Electronics are brought from basic physics to current-voltage characteristics and circuit models. Lecture – 3 hours. This course is normally offered in the summer semester.

4423 CONTROL SYSTEMS
Prerequisite: ELEC-3404.
Control system theory of continuous time systems. Modeling physical systems through transfer functions and state space descriptions. System performance measures including stability, transient response, steady state response, and sensitivity. Classical and modern control techniques; root locus, frequency response methods and PID control. Lecture – 2 hours; Laboratory – 3 hours. This course is offered as needed.

4523 REAL-TIME SIGNAL PROCESSING
Prerequisite: ELEC-3504.
Design and implementation of real-time embedded digital signal processing systems. DSP programming, real-time operating systems, parallel processing, host computer interfacing. Lecture – 2 hours; Laboratory – 3 hours. This course is normally offered in the fall semester.

4613 RADIO FREQUENCY ENGINEERING
Prerequisite: ELEC-3613.
Analysis and design of Radio Frequency circuits and systems. Network analysis parameters for system level RF design will be used to bridge earlier field theory analysis to modern RF circuit design techniques and software. Lecture – 2 hours; Laboratory – 3 hours. This course is normally offered in the spring semester.

4732 SYSTEMS DESIGN I
Prerequisite: ELEC-4732. Corequisite: ENGR-3213.
An implementation of the design methodology covered in Systems Design I. Applications of research and design relating to real world or industry problems; interaction with other fields of engineering and science. ELEC-4743 and ELEC-4753 constitute a single two-semester project experience. Laboratory – 6 hours. Same as MECH-4743 and CENG-4743. This course is normally offered in the fall semester.

4743 SYSTEMS DESIGN II
Prerequisite: ELEC-4732. Corequisite: ENGR-3213.
An implementation of the design methodology covered in Systems Design I. Applications of research and design relating to real world or industry problems; interaction with other fields of engineering and science. ELEC-4743 and ELEC-4753 constitute a single two-semester project experience. Laboratory – 6 hours.Same as MECH-4743 and CENG-4743. This course is normally offered in the fall semester.

4753 SYSTEMS DESIGN III
Prerequisite: ELEC-4743.
A continuation and completion of the capstone design project begun in ELEC-4743. Students not successfully completing the entire project must normally retake ELEC-4743 and ELEC-4753 with a new project assignment. Laboratory – 6 hours. (Same as MECH-4753 and CENG-4753.) This course is normally offered in the spring semester.

4820 INTERNSHIP FOR ENGINEERING PRACTICE
The engineering programs encourage all students to participate in at least one summer of engineering internship work. The engineering internship experience is very important to providing real-world application of the classroom experience and also has become an expectation by employers of engineers internationally. Enrollment in this course will be under the supervision of an individual engineering professor. A journal or summary paper of the internship experience will be required at the conclusion of the employment period. 1 to 3 credit hours. This course is offered on a case by case basis through coordination with the international office.

ELEMENTARY EDUCATION (ELEM)

3023 EMERGENT LITERACY
Prerequisites: admission to teacher education; ECED-3013.
This course is a study of the emerging process of language development from infancy through the primary years. The candidate will observe and document a child's development through all four age categories, infant, toddler, preschooler, and primary-aged (eight practicum hours). The candidate will demonstrate understanding of and respect for the socio-cultural diversity of literacy development as well as the interrelationships of culture, language, thought and the function of the home language. Additionally, the candidate will study children's literature to develop an understanding that literature forms a central focus for language and literacy development. The candidate will apply various methods of using literature with children to the home and classroom settings including reading aloud to a child once per week for 14 weeks (eight practicum hours). (Students whose programs do not require admission to teacher education buy require this course will receive credit for CHDV 3013 which cannot be applied to licensure requirements.) Same as ECED-3023 and CHDV-3023. This course is normally offered every fall semester.

3233 PRIMARY READING
Prerequisite: Admission to teacher education.
Practicum: 20 hours (ELEM-3233P).
The focus of this course includes the early developmental stages of literacy elements, including phonemic awareness, phonics, vocabulary, spelling, fluency, and comprehension. The construction of reading lesson plans, ELL students, student diversity and a variety of learning styles will be addressed. During the practicum portion of the course, candidates will pre/post test and present lessons based upon the pre test results, assess and reflect on gains in student learning. The role of RTI will be included. A case study is required. This course is normally offered in the spring semester.

3323 MOVEMENT AND FINE ARTS
Prerequisites: Admission to teacher education or concurrent enrollment in EDUC-3121 and EDUC-3122.
Candidates design materials, demonstrate instructional methods, and create activities for integrating movement, art and music, and health and fitness activities into the PK and elementary classroom. This course is normally offered every semester.

3332 ELEMENTARY LANGUAGE ARTS
Prerequisites: Admission to teacher education; ELEM-3233.
Corequisite: concurrent enrollment ELEM-3632, ELEM-3733, ELEM-3832; ELEM-3900P.
The focus of this course includes writing (process, types, grammar, punctuation, spelling, handwriting), listening, speaking viewing, visually representing, and assessment. The construction of language arts lesson plans, ELL students, student diversity and a variety of learning styles will also be addressed. Candidates will be prepared to present language arts lessons in Primary Practicum using data gained from pre testing to construct lesson plans and assess and reflect on gains in student learning. This course is normally offered in the fall semester.

3632 SOCIAL STUDIES FOR PRIMARY STUDENTS
Prerequisites: Admission to teacher education; EDUC-3213.
Corequisite: concurrent enrollment in ELEM-3333, ELEM-3733, ELEM-3832; ELEM-3900P.

Candidates will rely on current thought and trends in social studies instruction to develop teaching strategies which engage students in learning and which encourage the development of a multicultural view. This course is normally offered in the fall semester.

3733 MATHEMATICS FOR PRIMARY STUDENTS
Prerequisites: Admission to teacher education; MATH-2913.
Corequisite: concurrent enrollment in ELEM-3333, ELEM-3632, ELEM-3832; ELEM-3900P.
Candidates will apply their knowledge of numeration and their number sense and will be able to use manipulatives in teaching primary students number concepts and basic problem-solving skills. Content emphasis is placed on teaching the four basic mathematical operations. This course is normally offered in the fall semester.

3832 SCIENCE FOR PRIMARY STUDENTS
Prerequisites: Admission to teacher education; EDUC-3213.
Corequisite: concurrent enrollment ELEM-3333, ELEM-3632, ELEM-3733; ELEM-3900P.
Candidates will gain knowledge about methods, materials, and experiences that enable them to teach with an awareness and understanding of the impact of science in the world of the primary student. The focus is hands-on instruction for the biological, earth, and physical sciences. A school-based experience is incorporated. This course is normally offered in the fall semester.

3900P PRIMARY PRACTICUM
Concurrent enrollment ELEM-3333, ELEM-3632, ELEM-3733, ELEM-3832.
A primary grade (Pre-K-3) practicum, 60 hours. The focus of the practicum is for the candidate to construct and present lessons in literacy, math, science, and social studies at the primary level. Supervision and assessment of the candidate will be conducted by a university supervisor and the classroom teacher. This course is normally offered in the fall semester.

4242 SOCIAL STUDIES FOR INTERMEDIATE STUDENTS
Prerequisites: Admission to teacher education; EDUC-3213.
Corequisite: concurrent enrollment ELEM-4342, ELEM-4433, ELEM-4443; ELEM-4900P.
Candidates will develop teaching strategies, including hands-on activities that integrate knowledge and methodology from history and social studies and are appropriate for intermediate classrooms. Emphasis is placed on current thought and practice in social studies instruction for teaching students to use a wide variety of research sources to create oral, written and pictorial presentations. This course is normally offered in the spring semester.

4342 MATHEMATICS FOR INTERMEDIATE STUDENTS
Prerequisites: Admission to teacher education; MATH-2913.
Corequisite: concurrent enrollment ELEM-4242, ELEM-4433, ELEM-4443; ELEM-4900P.
Candidates will develop strategies for teaching the construction and exploration of estimation strategies. Content emphasis is placed on teaching concepts of measurement, geometry, algebra, statistics, probability, problem solving, reasoning, and communication of mathematical connections. This course is normally offered in the spring semester.

4433 INTERMEDIATE READING
Prerequisites: Admission to teacher education; ELEM-3333.
Corequisite: concurrent enrollment ELEM-4242, ELEM-4342, ELEM-4443, ELEM-4900P.
The focus of this course includes the intermediate stages of literacy elements, including vocabulary, spelling, fluency, and comprehension. The use of narrative and expository texts will also be addressed. The construction of reading lesson plans for the intermediate grade child, ELL students, student diversity and reluctant readers will also be addressed. Candidates will be prepared to present reading lessons in Intermediate practicum using data gain from pre testing to construct lesson plans and assess and reflect on gains in student learning. The role of RTI will be reviewed. This course is normally offered in the spring semester.

4443 SCIENCE FOR INTERMEDIATE STUDENTS
Prerequisite: Admission to teacher education.
Corequisite: concurrent enrollment ELEM-4433, ELEM-4242, ELEM-4342; 4900P.
Candidates will be able to use inductive and deductive strategies involving observation, scientific investigation, interpretation of findings, and communication of results while engaging in hands-on instruction. Biological, earth and physical sciences are viewed as an integrated discipline. A school-based experience is incorporated. This course is normally offered in the spring semester.

4544 STRATEGIES FOR READING ASSESMENT
Prerequisites: Admission to teacher education; ELEM-4433.
Practicum: 24 hours (ELEM-4543P).
Candidates will know, understand, and use current thought and practice regarding reading assessment practices and intervention practices such as prescriptive teaching procedures. The candidate will apply the knowledge and understanding gained in the OC Reading Clinic with an individual child. This course is normally offered in the fall semester.

4900P INTERMEDIATE PRACTICUM
Concurrent enrollment ELEM-4242, ELEM-4342, ELEM-4433, ELEM-4443.
An intermediate grade (4-5) practicum, 60 hours. The focus of the practicum is for the candidate to construct and present lessons in literacy, math, science, and social studies at the intermediate level. Supervision and assessment of the candidate will be conducted by a university supervisor and the classroom teacher. This course is normally offered in the spring semester.

ENGINEERING SCIENCE (ENGR)

1111 INTRODUCTION TO ENGINEERING
Prerequisite: ACT Math score of 23 or higher or MATH-1213.
An introduction to careers in engineering and to the engineering programs at OC. Team activities and design projects. Laboratory – 3 hours. This course is normally offered in the fall semester.

1113 ENGINEERING MATHEMATICS
Prerequisite: Math ACT of 23 or equivalent or MATH-1213.
A survey of the particular areas of mathematics as they apply to the field of engineering. Specific emphasis will be placed on vectors, complex numbers, and matrix methods. Active learning exercises will be utilized throughout the course to demonstrate the utility of the concepts being introduced. Lecture – 3 hour. This course is normally offered in the fall semester.

1122 ENGINEERING COMPUTING
Prerequisite: ACT Math score of 23 or higher or MATH-1213.
An introduction to software that will be required in the engineering curriculum. Excel, MathCAD, and MATLAB will be covered. Students will design and build a small system in class which will then be used as the source problem for applying the software tools under study. Laboratory – 6 hours. This course is normally offered in the fall semester.

1132 PROCEDURAL PROGRAMMING
Corequisite: ENGR-1113
An introduction to structured programming focusing on algorithm development and implementation. Lecture – 1 hour; Laboratory – 3 hours. This course is normally offered in the fall semester.

1242 ENGINEERING FUNDAMENTALS
Prerequisite: ENGR-1122.
Fundamentals of computer, electrical and mechanical engineering design and analysis. Students will use design principles to complete an electromechanical system. Laboratory – 6 hours. This course is normally offered in the spring semester.

1252 INTRODUCTION TO SOLID MODELING
Corequisite: ENGR-1113
An introduction to solid modeling, including discussion of the elements required for correct and accurate mechanical drawings. A semester project involving the design and analysis of a component is required. A survey of computer aided design tools is provided. Lecture-2 hours. This course is normally offered in the spring semester.

2113 ECE MATHEMATICS I
Prerequisite: ACT Math score of 23 or higher or Math-1213.
This course covers non-calculus mathematical topics required for Electrical and Computer Engineering majors. Topics include Number Systems, Graph Theory, Series, Discrete Probability, Boolean Algebra, and Computational Modeling. This course explores these mathematical topics with a focus on application in future Electrical and Computer Engineering courses. Lecture-3 hours. This course is normally offered in the spring semester.

2123 ECE MATHEMATICS II
Prerequisite: MATH 2214 and ENGR-2113.
Introduction to probability, random variables, common distribution functions, joint random variables, covariance and correlation. Applications in electrical and computer engineering. Lecture-3 hours. This course is normally offered in the spring semester.

2313 STATICS
Prerequisite: ENGR-1113. Corequisite: PHYS-2514.
This class is the first of three courses in the study of mechanics. Statics is the study of forces applied to structures. An understanding of statics is a prerequisite for studying strength of material and dynamics. Lecture – 3 hours. This course is normally offered in the fall semester.

2323 FOUNDATION OF ENGINEERING CHEMISTRY
Prerequisite: One year of high school chemistry or a grade of "C" or better in SDEV-0133 or CHEM-1104.
An introduction to the critical foundation topics of chemistry needed by engineering students. Topics include stoichiometry, periodicity, electronic structure of the atom, bonding theories, the states of matter, thermochemistry, and chemical thermodynamics. Lecture – 3 hours. This course is normally offered in the spring semester.

2433 THERMODYNAMICS I
Corequisite: PHYS-2614.
An introduction to the analysis of thermal processes, devices and systems. Thermodynamic properties of pure substances; First and Second Law applications for closed and open systems; power and refrigeration cycle analysis. Lecture – 3 hours. This course is normally offered in the spring semester.

2523 DYNAMICS
Prerequisite: ENGR-2313.
A study of force action related to displacement, velocity and acceleration of particles and rigid bodies using translation and rotation, work and energy and impulse and momentum principles. Lecture – 3 hours. This course is normally offered in the fall semester.

2533 STRENGTH OF MATERIAL
Prerequisite: ENGR-2313.
This class is the second of three courses in the study of mechanics. Strength of materials is the study of stress and strain in structures caused by the application of forces and moments. An understanding of strength and materials is a prerequisite for studying machine design and doing engineering structural design. Lecture – 3 hours. This course is normally offered in the fall semester.

2544 INTRODUCTION TO DIGITAL SYSTEMS
Prerequisite: ENGR-1242.
Develops a fundamental understanding of combinational and sequential digital circuits and the design of digital systems using various levels of modern IC technology. Lecture – 3 hours; Laboratory – 3 hours. This course is normally offered in the fall semester.

2614 ELECTRICAL CIRCUIT ANALYSIS
Prerequisite: ENGR-2544.
Introduction of electrical components (inductors, capacitors, resistors) and electronic components [operational amplifiers and the bipolar junction transistor (BJT)] in circuit applications. Network time-domain analysis and first and second-order system response. Lecture – 3 hours; Laboratory – 3 hours. This course is normally offered in the spring semester.

2623 MECHANICAL ENGINEERING INSTRUMENTATION
Prerequisite: PHYS-2614. Corequisite: MATH-3013.
Introduction to mechanical engineering instrumentation and electric circuit analysis. Kirchoff's loop and node laws, operational amplifier circuits, instrument performance characteristics, error analysis, and digital data acquisition systems. Lecture – 3 hours. This course is normally offered in the spring semester.

2700 CHRISTIAN ENGINEER SEMINAR
Prerequisite: Sophomore standing.
Integration of the christian faith into engineering professionalism. Topics include integrating professional and ethics, faith development, and purposeful service into our lives as engineering students and eventually as engineering. Students will develop and apply a code of ethics based on christian values and professional standards. Lecture – 1 hour. This course is normally offered in the fall semester.

3023 ENGINEERING PROBABILITY AND STATISTICS
Prerequisite: MATH-2214.
Topics in mathematics with direct application to the solving of engineering problems. Discrete statistics and random variables. Lecture – 3 hours. This course is normally offered in the spring semester.

3213 ENGINEERING ECONOMICS
Prerequisite: Senior standing.
History, money supply, supply and demand, time value of money, money management, economic measurement, break-even analysis, system analysis and decision-making in engineering and management. Lecture – 3 hours. This course is normally offered every semester.

3311 EXPERIMENTAL MECHANICS
Prerequisite: ENGR-2623 and ENGR-2533, Corequisite: ENGR-2523.
An investigation of experimental methods applied to the field of Solid Mechanics. Emphasis will be placed upon collecting, analyzing, and interpreting experimental results to foster critical thinking and upon experimental planning. Laboratory – 3 hours. This course is normally offered in the fall semester.

4701 SENIOR ENGINEERING SEMINAR
Prerequisite: CENG-4732, ELEC-4732 or MECH-4732.
Preparation for a transition from college to career. Topics include professionalism and ethics, resume and interview preparation, job and graduate school search, and leadership in and contribution to a local congregation. Presentations from potential employers and engineering alumni. Lecture – 1 hours. This course is normally offered in the fall semester.

ENGLISH (ENGL)

1113 ENGLISH COMPOSITION I
The first course in college-level writing using contemporary technology. The course emphasizes the composing process, analytical thinking, various types of writing, basic research methods and documentation. Writing includes a journal, a personal essay, a research report, analytical essays and a short research paper sustaining a thesis. Students enrolled in ENGL-1113-English Composition I must make a grade of "C" or better in order to enroll in ENGL-1213-English Composition II. This course is normally offered every semester.

1213 ENGLISH COMPOSITION II
Prerequisites: ENGL-1113 with a grade of "C" or better.
The second and final course in the composition series, emphasizing written presentation of academic research supported argument using contemporary technology. Students are taught to read and think critically in analyzing texts and evaluating sources and to communicate their ideas in an appropriate medium and style. This course builds on skills learned in English Composition I, includes an extensive research project. Students enrolled in ENGL-1213-English Composition II must make a grade of "C" or better in order to enroll in ENGL-2213-Perspectives in Literature. This course is normally offered every semester.

1331 TEFL EXPERIENCE I
Supervised private tutoring of non-native English speakers (NNESs). To receive credit, a student will document 30 hours of instruction with a NNES. With advisor approval, as an independent study every semester.

2213 PERSPECTIVES IN LITERATURE
Prerequisite: ENGL-1213 with a grade of "C" or better.
An introduction to great literature of the world, focusing on the deepening and broadening of the students' perspectives to help them become thinkers, readers, and writers for life. (CLEP test credit will not be accepted for this course.) This course is normally offered every semester.

2223 INTRODUCTION TO WRITING ABOUT LITERATURE
Prerequisite: ENGL-1213 with a grade of "C" or better, English majors only. Does not substitute for Perspectives in Literature.
An introduction to thinking critically and analyzing texts within the field of literature. This course explores primary sources and secondary research related to various genres and time periods of literature from around the world. The course includes both a written and oral presentation. This course is normally offered in the spring semester.

2332 TEFL EXPERIENCE II
Introduction to English language teaching through supervised private tutoring of non-native English speakers (NNESs) and interactions with English language teachers (ELTs). To receive credit, a student will observe and interview experienced ELTs, complete an intial job search, and document 30 hours of instruction with a NNES. With advisor approval, this course is avalabile every semester.

3013 LITERARY CRITICISM
Prerequisite: ENGL-1213 with a grade of "C" or better.
Non-majors by permission only.
An introduction to critical and theoretical methods with special attention to the elements of literary study and analysis, the major critical documents, and present critical approaches. Recommended as the first course in the English major. This course is normally offered in the fall semester of odd numbered years.

3123 WORLD LITERATURE I: CLASSICAL TO RENAISSANCE
Prerequisite: ENGL-1213 with a grade of "C" or better.
Non-majors by permission only.
A study of representative world masterpieces through the Sixteenth Century. This course is normally offered in the fall semester of even numbered years.

3133 WORLD LITERATURE II: RENAISSANCE TO MODERN
Prerequisite: ENGL-1213 with a grade "C" or better.
Non-majors by permission only.
A study of representative world masterpieces from the past four centuries. This course is normally offered in the spring semester of odd numbered years.

3153 ENGLISH LITERATURE SURVEY I
Prerequisite: ENGL-1213 with a grade of "C" or better.
Non-majors by permission only.
A study of the major works of English literature from the Danish invasion to the close of the Sixteenth Century. This course is normally offered in the fall semester of odd numbered years.

3253 ENGLISH LITERATURE SURVEY II
Prerequisite: ENGL-1213 with a grade of "C" or better.
Non-majors by permission only.
A study of the major works of English literature from the late Renaissance through the Romantics. This course is normally offered in the spring semester of even numbered years.

3313 INTRODUCTION TO LINGUISTICS
Prerequisite: ENGL-1213 with a grade of "C" or better.
The basic concepts, scope and methodology of the science of language in its descriptive and historical aspects as well as an introduction to the phonemic, morphemic and syntactical features of language. The course also considers the applications of modern linguistics. This course is normally offered in the fall semester of even numbered years.

3353 ENGLISH LITERATURE SURVEY III
Prerequisite: ENGL-1213 with a grade of "C" or better.
Non-majors by permission only.
A study of the major works of English literature from the Victorians to the present. This course is normally offered in the spring semester of odd numbered years.

3413 STUDIES IN WORLD LITERATURE
Prerequisite: ENGL-1213 with a grade of "C" or better.
Non-majors by permission only.
A study of one major genre (fiction, poetry, drama, or film) as it appears in major world texts. The course may be repeated as the content changes. This course is normally offered in the spring semester.

3443 BIBLE AS LITERATURE
In this course students will exam the Bible not only as God's inspired word, but also as a literary text. Critiques and analyses from Biblical scholars will be explored. In addition, students will write about their personal interpretations of the Bible. Same as BIBL-3443. This course is normally offered in the spring semester.

3493 TECHNICAL WRITING
Prerequisite: ENGL-1213 with a grade of "C" or better.
An introduction to scientific, business and technical writing, including experience in conducting research and writing major types of reports as well as letters and memos. The course also includes basic information regarding graphics and design. This course is normally offered in the fall semester.

3523 CREATIVE WRITING I
Prerequisite: ENGL-1213 with a grade of "C" or better.
A study of the theory of creative writing and practice in a workshop setting in the composition of fiction and drama. The course serves as an introduction to the sources of creative writing, the characteristics of the major genres and the process of revising and editing. This course is normally offered in the spring semester of even numbered years.

3533 CREATIVE WRITING II
Prerequisites: ENGL-1213 with a grade of "C" or better and ENGL-3523.
An advanced study and practice of the craft of one major genre (poetry). The course is a workshop in practicing the particular features of the genre under study and a study of the process of revising, editing and marketing manuscripts. This course is normally offered in the spring semester of odd numbered years.

3673 AMERICAN LITERATURE SURVEY I, BEFORE 1865
Prerequisite: ENGL-1213 with a grade of C or better. Non-majors by permission only.
A study of early American literature from the writings of the explorers and colonists through Edgar Allan Poe. This course is normally offered in the fall semester of even numbered years.

3713 STRUCTURE OF THE ENGLISH LANGUAGE
Prerequisite: ENGL-1213 with a grade of "C" or better.
An advanced analysis of English grammar, emphasizing constituent structure, instruction to non-native English speakers, and application to writing. This course is normally offered in the fall semester.

3723 METHODS OF TEFL I
Prerequisite: ENGL-1213 with a grade of "C" or better.
An introduction to the techniques and methods of teaching english as a second language including the development of teaching materials and participation in a mini practicum. This course is normally offered in the spring semester of odd numbered years.

3773 AMERICAN LITERATURE SURVEY II, 1865-1914
Prerequisite: ENGL-1213 with a grade of "C" or better. Non-majors by permission only.
A study of the major American authors of Romanticism, Realism, and Naturalism. This course is normally offered in the spring semester of odd numbered years.

3803 LITERATURE OF THE PACIFIC RIM
Prerequisite: ENGL-1213 with a grade of "C" or better.
A survey of poetry, fiction and drama of the cultures visited as a part of the Pacific Rim Study Abroad Program. Notes on all readings will be kept in a journal. A major paper will be submitted on a topic related to the readings. (Counts as a core literature course and for a major or minor in English). This course is normally offered every fall in conjunction with the Pacific Rim Program.

3813 INDIVIDUALIZED WRITING
Prerequisite: ENGL-1213 with a grade of "C" or better.
Extensive practice, analysis and evaluation of writing in a seminar setting. Designed for beginning and advanced expository writers. This course is normally offered in the fall semester of odd numbered years.

3873 AMERICAN LITERATURE SURVEY III, 1914-PRESENT
Prerequisite: ENGL-1213 with a grade of "C" or better. Non-majors by permission only.
A study of major American authors and literary movements from WWI to the present with English Lit II. This course is normally offered in the spring semester of even numbered years.

4103 MODERN DRAMA
Prerequisite: ENGL-1213 with a grade of "C" or better.
A study of major works, themes, and movements in modern drama. This course is offered as needed.

4113 STUDIES IN CHAUCER
Prerequisite: ENGL-1213 with a grade of "C" or better.
Non-majors by permission only.
A detailed study of Chaucer's works and the modern criticism of Chaucer in the original Middle English. This course is normally offered in the fall semester of even numbered years.

4213 STUDIES IN SHAKESPEARE
Prerequisite: ENGL-1213 with a grade of "C" or better.
Non-majors by permission only.
A thorough analysis of at least 11 of Shakespeare's plays and the major criticism. This course is normally offered in the spring semester odd numbered years.

4413 STUDIES IN ENGLISH LITERATURE
Prerequisite: ENGL-1213 with a grade of "C" or better.
Non-majors by permission only.
A detailed study of a specific genre, movement or writer in English literature. This course may be repeated as the content is changed. This course is normally offered in the spring semester.

4513 STUDIES IN AMERICAN LITERATURE
Prerequisite: ENGL-1213 with a grade of "C" or better. Non-majors by permission only.
A detailed study of a specific genre, movement or writer in American literature. This course may be repeated as the content is changed. This course is normally offered in the fall semester.

4633 INTERCULTURAL COMMUNICATION I
Prerequisite: ENGL-1213 with a grade of "C" or better.
A survey of the basic concepts of how people communicate effectively across cultural boundaries, with special attention given to the complex nature culture plays in communication. ENGL-4633 fosters in students an understanding and appreciation of their own culture and cultural patterns of communication and those of other cultures. Same as COMM-4633, MISS-4633 and SOCI-4633. This course is normally offered in the fall semester of odd numbered years.

4643 INTERCULTURAL COMMUNICATION II
Prerequisite: ENGL-1213 with a grade of "C" or better.
A continuation of ENGL-4633, typically taught while a student is living in a foreign culture. Same as MISS-4643 and SOCI-4643. This course is normally offered in the fall semester of odd numbered years.

4713 METHODS OF TEFL II
Prerequisite: ENGL-1213 with a grade of "C" or better.
Survey of methods and philosophies of teaching english as a second language. Attention to Second Language Acquisition research makes this course appropriate for teaching other foreign languages besides English. This course is normally offered in the spring semester of even numbered years.

4733 SENIOR CAPSTONE
Prerequisites: Senior standing and departmental approval.
A capstone course giving Language and Literature majors the opportunity to synthesize previous work, to interact with the faculty at an advanced level and to practice research skills in preparation for graduate school or for entry into their profession. This course is normally offered every fall semester.

4813 SPECIAL STUDIES
Prerequisite: ENGL-1213 with a grade of "C" or better.
Non-majors by permission only.
A detailed study of a specific genre, movement or writer in literature, of genre writing or rhetoric; of culture, language or methodology. This course may be repeated as the content is changed. This course is normally offered every semester.

4851 PRACTICUM IN WRITING/RESEARCH/EDITING
Prerequisite: ENGL-1213 .
Practical experience working with a publisher of books or periodicals (e.g., work with a textbook publisher, Soundings or Christian Chronicle.) This course is normally offered as needed.

4863 TEFL STUDENT TEACHING PRACTICUM
Prerequisites: ENGL-3723 and ENGL-4713.
A student teaching experience with non-native English speakers (NNESs). Students complete 45 class hours of teaching NNES. Additionally, students complete a resume and cover letter in reference to a job search for an English language teaching position. This course is normally offered as needed.

4900 INDEPENDENT STUDY
A reading, research or writing project related to a student's special interest or need. The course may be taken only by juniors or seniors with approval of the departmental chair and agreement by an English instructor to direct the project. This course is normally offered as needed.

FAMILY STUDIES (FMST)

1113 INTRODUCTION TO FAMILY STUDIES
A comprehensive introduction to the subjects which comprise the study of human development and family betterment. It covers, in very general terms, the spectrum from conception to death and takes a general look at professional possibilities within this broad field. The research base of the discipline is introduced as the student learns the difference between research-based and expository publication. Common statistical terms are studied so that the student can read research journals with elementary understanding. This course is normally offered every semester.

2423 PARENT-CHILD RELATIONS
Prerequisite: FMST-1113.
Opportunities, responsibilities, and problems faced by parents in guiding the development of children, with emphasis on recent research in the area of parent-child relationships. Same as SOCI-2423. This course is normally offered in the spring semester.

3453 PERSONAL AND FAMILY FINANCE
This course is designed to help individuals and families learn the basics of managing their finances in a biblical way. Topics covered in this class include: budgeting, investing, insurance, buying your own home, and teaching your children about money. Same as BIBL-3453. This course is normally offered every semester.

3513 CHILD WELFARE
Prerequisite: FMST-1113.
A study of child welfare services. Particular attention is given to the areas of foster care, adoption, institutional care, care of unwed mothers and protective services. This course is normally offered in the spring semester.

3523 HUMAN SEXUALITY
Prerequisite: FMST-1113.
An introductory course including considerations of human sexual development. The course is intended to present a decision-making model with which individuals can make decisions and accept responsibility for their actions. This course is normally offered in the fall semester.

3533 FAMILY LIFE EDUCATION
Prerequisite: FMST-1113.
This course is designed to provide students with an applied learning experience in the design, development, and implementation of programs geared toward helping children and families. Areas of emphasis include program planning, theory, evaluation, mass media communication, and principles of teaching/instruction. This course is normally offered in the spring semester even numbered years.

3613 ADOLESCENCE AND EARLY ADULTHOOD
Prerequisite: PSYC-1113.
This course covers the developmental process of adolescence and early adulthood. The course focuses on biological, cognitive, and socio-emotional issues as they pertain to the ongoing changes in this time of the life cycle. Attention will be given to issues of gender, culture, family relationships, peer relationships, sexuality, and education. Special attention will also be given to issues that young adults face as they venture into collegiate life, career exploration and new family roles. Same as PSYC-3613. This course is normally offered in the fall semester of odd numbered years.

3723 GERONTOLOGY
Prerequisite: FMST-1113.
A study to include physical and health factors in aging; psychological aspects of aging; marriage, family, and community relationships of older persons; economic and vocational factors in aging; perspectives on death, dying and grief; aging and institutional care; aging and the law; and the future of social intervention, both public and private. Same as PSYC-3723 and SOCI-3723. This course is normally offered in the spring semester.

3913 FAMILY DEVELOPMENT
Prerequisite: FMST-1113.
An introduction to the family development life cycle. The course will focus on the stages that marriages and families progress through and the associated tasks that need to be addressed and successfully negotiated. Attention will be given to dating, marriage, having children, children going to school, adolescence, empty nest and issues of caretaking, grandparenting and aging. The course will also explore the related crises that develop around these developmental transition periods. This course is normally offered in the fall semester.

3933 CYBERNETICS AND SYSTEMS THEORY
Prerequisite: FMST-1113.
An introduction to the major underlying theoretical foundations of family therapy. The course will explore the historical development of systems theory and cybernetics from its origins in the 1940s in the thinking of mathematicians, physicists, biologists, and engineers to the pioneering work of Bateson and his colleagues in the late '50s and their application of cybernetics to the family. The course will also introduce the work of Murray Bowen. The basic concepts of systems theory will be discussed and contrasted with the more common Western, analytical approach which has dominated the thinking in psychology since the time of Freud. Same as PSYC-3933. This course is normally offered in the fall semester.

4123 DIVORCE AND STEPFAMILY RELATIONSHIPS
Prerequisite: FMST-1113.
An overview of the issues pertaining to divorce and stepfamily relationships. We will address the consequences of divorce on children and adults as well as ways in which adults can create a more healthy post-divorce environment for their children. We will consider the major issues surrounding stepfamilies in today's society and how healthy relationships can be established in these environments. This course is normally offered in the fall semester.

4323 INTRODUCTION TO MARITAL AND FAMILY THERAPY
Prerequisite: FMST-1113.
An introduction to the field of marital and family therapy. It will present the history of systems therapy, including the importance of systems theory to the continuing development of the discipline. Special emphasis will be placed on the current status of marital and family therapy including the importance of constructivist theories. The course will also present the major theories of marital and family therapy that have defined the field for the last 40 years. This will be a systemic, experiential, discussion-based class that will require active participation from each student. Same as PSYC-4323. This course is normally offered in the spring semester of even numbered years.

4653 RESEARCH SEMINAR
Prerequisites: FMST-1113 and PSYC-4623.
The capstone course in the Family Studies program. Students will learn SPSS – the Statistical Package for the Social Sciences – and complete their own individual research project and paper, including the collection and analysis of data. The final goal will be making a presentation of their findings to the appropriate student convention. Much of the class will consist of individual instruction and laboratory work. Same as PSYC-4653. This course is normally offered in the spring semester.

4713 FAMILY STUDIES PRACTICUM
Prerequisite: FMST-1113.
A practicum that is a self-selected experience from among approved settings within the areas of child development or gerontology. Commercial infant or child care, child abuse facilities, Department of Human Services facilities, retirement or assisted living facilities are possible acceptable settings. A total of 126 clock hours (9 hours per week) during a semester is required. This course Is offered as needed.

4733 PROFESSIONAL, ETHICAL AND LEGAL ISSUES
Prerequisites: FMST-1113 and senior standing.
A study of the contemporary ethical considerations, legal standards and professional issues that influence the work of psychologists, counselors, and other mental health officials. Specific attention will be given to the Ethical Standards of the APA, ACA, and AAMFT, as well as Oklahoma State Law governing the behavior of researchers and psychotherapists. The course will focus on specific ethical dilemmas throughout the class, including – among others – confidentiality, dual relationships, professional relationships, assessment and research. Same as PSYC-4733. This course is normally offered in the fall semester of odd numbered years.

4900 INDEPENDENT STUDY IN FAMILY STUDIES
Prerequisite: FMST-1113.
Provides mature students an opportunity for individual research and guided readings. (1-3 hours) This course is offered as needed.

FINANCE (FINC)

3313 PRINCIPLES OF FINANCE
Prerequisites: ECON-2113, ACCT-2213.
A study of the objectives and techniques of the finance function of the firm. Financial ratios, cash budgets, break-even analysis, leverage, quantitative tools, security evaluation, cost of capital, capital budgeting, working capital management, sources of capital for expansion and evaluation of the capital structure are studied. This course is normally offered every semester.

3513 MONEY AND BANKING
Prerequisites: ECON-2213.
A study of the nature, history, and functions of money and monetary institutions. Particular attention is given to the central banking system, the Federal Reserve System, free enterprise, government controls, the money supply, foreign exchange, and the interrelationships between monetary theory and the theories of prices and unemployment. This course Is normally offered in the fall semester.

3613 INVESTMENTS
Prerequisite: FINC-3313.
A practical study of securities and securities markets. The development of the models for the valuation of stocks and bonds as well as alternative investments such as options, warrants, convertible securities, futures, mutual funds, and puts and calls. This course is normally offered in the spring semester.

3813 PERSONAL FINANCE
Prerequisites: FINC 3313
An analysis of financial management for individuals and families. Areas covered include financial planning and budgeting, financial products and services, and risk management. This course is normally offered as needed.

4113 ADVANCED FINANCIAL MANAGEMENT
Prerequisite: FINC-3313.
A continuation of the basic financial management course. The course involves an in-depth study of the theories and practices related to the financial administration of the firm. Areas covered include valuation model, risk analysis, capital budgeting, capital structure and dividend policy, long term financing decisions, and asset management. This course is normally offered in the fall semester.

4123 INTERNATIONAL FINANCE
Prerequisites: FINC-3313
Analyzes financial problems corporations face that result from operating in an international environment. Major topics covered are corporate strategy and the decision to invest abroad, forecasting exchange rates, international portfolio diversification, managing exchange risk, exposure management, cost of capital and financial structure in the multinational firm, and sources of financing. Same as INTL-4123. This course is normally offered in the spring semester.

4313 FINANCIAL MARKETS AND INSTITUTIONS
Prerequisite: FINC-3313.
An analysis of financial markets and institutions. Areas covered include non-bank financial

institutions, the nature and importance of various financial markets, and global issues with international markets and institutions. This course is normally offered in the spring semester.

4513 TOPICS IN FINANCE
Prerequisites: FINC-3513.
The capstone course for finance. In addition to emphasizing portfolio management and international finance, the course covers the most current topics of investment finance. This course is normally offered as needed.

4713 PRINCIPLES OF INSURANCE
Prerequisites: FINC-3313.
Comprehensive study of insurance and third party transfer of risk. This course is normally offered in the fall semester.

4900 INDEPENDENT STUDY IN FINANCE
Prerequisites: Instructor and Dean approval.
Assigned readings, reports and research projects based on the needs of the student. (1-3 hours) This course is offered as needed.

4990 INTERNSHIP IN FINANCE
Prerequisites: Admission to School of Business Administration Upper Division, completion of FINC-3313 and approval of advisor and dean.
Supervised and approved finance business internship with firm or organization; written and oral reports are required along with employer evaluation. (Variable credit, 1-3 semester hours; 30 hours work required for each hour of credit with a maximum of 3 credit hours.) This course is offered as needed.

FINE ARTS (FINE)

2903 AESTHETICS
A field study of the great art, architecture, music and drama of Study Abroad destinations. By permission only. This course is normally offered in the fall semester and summer.

FRENCH (FRNC)

1113 BASIC FRENCH I
Basic principles and practice of speaking, understanding, reading and writing French and an introduction to French culture for those with no background in French. This course is normally offered in the fall semester.

1213 BASIC FRENCH II
Prerequisite: FRNC-1113, one year of French in high school or the equivalent with permission of the instructor. This course is normally offered spring semester.
Continuation of Basic French I, enabling the student to read, write, understand and respond in basic French and to be aware of cultural differences. This course is offered as needed.

GENERAL SCIENCE (GNSC)

1711 FRESHMAN SCIENCE SEMINAR
A seminar course for all freshman natural science majors, introducing students to careers in science, methods and opportunities for research, science faculty, and tutoring programs. This course is normally offered in the fall semester.

2133 GENERAL PHYSICAL SCIENCE
A survey course including basic physics, chemistry, astronomy, and the philosophy of science. Hands-on laboratory exercises are integrated into the course. 4 hours per week. This course is normally offered every fall semester and summer.

2313 PHYSICAL SCIENCE I: THE EARTH
An introduction to the study of the Earth, emphasizing processes that shape and change the surface. This course studies the lithosphere, hydrosphere, and atmosphere, including effects of pollution and remediation efforts. Hands-on laboratory exercises are integrated into the course. 4 hours per week. Same as GEOG-2313. This course Is normally offered every semester and summer.

2323 PHYSICAL SCIENCE II: ASTRONOMY
This course explores the fundamental concepts of astronomy, including historical perspectives as well as current interpretation of celestial phenomena. Includes comparison of other planets with the Earth, and examines stars, stellar life cycles, galaxies, and cosmology. Hands-on laboratory exercises are integrated into the course. 4 hours per week. This course is normally offered every semester and summer.

2711 SOPHOMORE SCIENCE SEMINAR
Prerequisite: GNSC-1711 or permission of instructor.
A seminar course introducing students to classic scientific literature and forms of research presentation. Students will also attend departmental lectures and participate in career planning and assessment of readiness to begin upper level science course work. 2 hours per week. This course is normally offered in the spring semester.

3113 FORENSIC SCIENCE AND THE LAW
A course exploring the application of various laws and rules of evidence to the forensic sciences and how the admission of evidence derived from forensic sciences can impact the administration of justice in the United States. What forensic scientists testify to and how their sciences conform to the "Rules of Evidence" will be discussed. Lecture—3 hours. This course is normally offered in the fall semester of even numbered years.

3711 JUNIOR SCIENCE SEMINAR
Prerequisite: GNSC-2711.
A seminar course with emphasis on reading and evaluating primary scientific literature. Students will make presentations and participate in sessions with students enrolled in GNSC-4712. 2 hours per week. This course is normally offered every semester.

4712 SENIOR SCIENCE SEMINAR
Prerequisite: GNSC-3711.
A seminar course requiring research and oral presentation of a paper from students' major area. Students will also participate in assessment, mentoring, and service learning. 2 hours per week. This course is normally offered every semester.

4721 SCIENCE MODELING AND STRATEGIES
Prerequisites: Junior or Senior level, science education major
The course is designed to fulfill NSTA requirements for secondary science education majors. During this course, each student will complete a science portfolio based on competency based artifacts as proof of concept mastery. This portfolio consists of five different modules and sixteen assignments, each addressing a specific NSTA standard. Student teaching may not be started until the student has successfully completed this course. This course is normally offered in the fall semester.

4850 SCIENCE SERVICE LEARNING
Provides an opportunity for learning in a service environment. Students select a service project and work with a faculty mentor to develop the academic background, assignments and reflection to create a unique learning opportunity. One hour of class time each week will be devoted to meeting with mentors and other students to discuss the project. Variable credit (one to three hours) will be given based on the number of service hours and academic responsibilities. This course is offered as needed.

GEOGRAPHY (GEOG)

2113 ELEMENTS OF HUMAN GEOGRAPHY
A study of the relationship between humankind and the environment and the effect of that relationship on political, cultural, economic, and religious institutions. This course is offered as needed.

2213 WORLD REGIONAL GEOGRAPHY
An interpretive study of the political map of the world and some of its recent changes. Attention is focused on the role of location, physical environment, population, ethnic groups, natural resources, and technological change in the evolution of nation-states and dependent territories. This course is normally offered in the fall semester of odd numbered years.

2313 PHYSICAL GEOGRAPHY
An introduction to the process of land form development and the interaction of the hydrosphere and lithosphere. Same as GNSC-2313. This course is normally offered every semester and summer.

2413 HUMAN GEOGRAPHY OF LATIN AMERICA
Prerequisite: Acceptance to the Latin American Studies Program.
This course will focus on the cultures-sociological, geographical, political and religious-that contribute to the emergence of the present situations. Social interactions among Latin American countries and implications for Latin American-USA relations are also explored and evaluated. The class will be assisted by lectures from area specialists in the countries visited, visual sources, primary and secondary sources, and hands-on learning via tour sites. This course is designed to take advantage of the travel opportunities afforded by your international study experience. This course is offered in the summer when there is a Latin America study abroad program.

2513 HUMAN GEOGRAPHY OF THE PACIFIC RIM
Prerequisite: Acceptance to the Pacific Rim Studies Program.
This course will focus on the cultures-sociological, geographical, political and religious- that contribute to the emergence of the present situations in the Pacific Rim countries. The students will study the historical development of a dominate culture apart from the west, the main architects of that development and the blending of this area to the world arena. The class will be assisted by lectures from area specialists in the countries visited, visual sources, primary and secondary sources, and hands-on learning via tour sites. This course is designed to take advantage of the travel opportunities afforded by your study abroad experience. This course is normally offered in the fall on the Pacific Rim study abroad program.

4900 INDEPENDENT STUDY IN GEOGRAPHY
Provides mature students an opportunity for individual research and guided readings (1-3 hours). This course Is offered as needed.

GERMAN (GERM)

1113 BASIC GERMAN I
Basic principles and practice of speaking, understanding, reading and writing German and an introduction to German culture for those with no background in German. This course is designed for students participating in the European Studies program. This course Is offered as needed.

1213 BASIC GERMAN II
Prerequisite: GERM-1113, one year of German in high school or the equivalent with permission of the instructor. Continuation of Basic German I, enabling the student to read, write, understand and respond in basic German and to be aware of cultural differences. This course is offered as needed.

GREEK (GREK)

1113 ELEMENTARY GREEK I
An introductory course in the elements of Koine Greek. Particular attention is given to learning vocabulary and to learning to recognize grammatical forms. This course is normally offered in the fall semester.

1213 ELEMENTARY GREEK II
Prerequisite: GREK-1113.
A continuation of GREK-1113 with selected readings from the New Testament. This course is normally offered in the spring semester.

2113 INTERMEDIATE GREEK I
Prerequisite: GREK-1213.
Designed to give the student who has completed courses in elementary Greek essential linguistic knowledge and skill for exegetical work in the Greek New Testament. This course is normally offered in the fall semester.

2213 INTERMEDIATE GREEK II
Prerequisite: GREK-2113.
A continuation of GREK-2113 with more detailed and inductive study of New Testament Greek. This course is normally offered in the spring semester.

3113 ADVANCED GREEK READINGS I
Prerequisite: GREK-2213.
Readings from various New Testament documents with concentration on syntactical relations between words, word groups, and clauses.

3213 ADVANCED GREEK READINGS II
Prerequisite: GREK-3113.
Readings from various New Testament documents, a formal exegesis, and special word studies. This course is normally offered in the spring semester.

4900 INDEPENDENT STUDY IN ADVANCED GREEK GRAMMAR
Assigned readings and reports or projects based on the needs of the individual student. Normally taken only by juniors or seniors with approval of the dean of the college (1-3 hours). This course is offered as needed.

HEBREW (HBRW)

3113 ELEMENTARY HEBREW I
An introductory course in the principles of biblical Hebrew with special emphasis on verbal forms. This course is normally offered in the fall semester.

3213 ELEMENTARY HEBREW II
Prerequisite: HBRW-3113.
A continuation of HBRW-3113. This course will include readings in Hebrew narratives and an introduction to textual criticism and Hebrew exegesis. This course is normally offered in the spring semester.

HISTORY (HIST)

1223 TURNING POINTS IN U.S. HISTORY
A survey of the major trends, conflicts and crises of American history from the age of discovery to the present. Special attention will be paid to such topics as the settlement of the United States, the American Revolution, the Age of the Common Man, the Civil War Era, the Age of Industrialization and Urbanization, American foreign policy and the Cold War, the Civil Rights Movement, the decade of the sixties and the cultural wars. This course is normally offered every semester.

2111 EXPLORING AMERICA
Prerequisites: completion of HIST-1223 and permission of instructor.
This history travel course will take students to various historical sites, museums, monuments, and living history exhibits, enabling them to see where history was made and how it has been preserved and presented. Regular class meetings and assignments during the spring semester prepare students to maximize their learning on the 7-10 day travel experience. Destinations and trip themes change each year so the course may be repeated for credit. This course is normally offered in the spring semester. The travel component starts at the end of the semester.

2123 INTRODUCTION TO HISTORICAL RESEARCH
An introduction to historical research, analysis and writing, emphasizing the complex nature and philosophy of history, the history of historical writing, and the role of Christian historians. This course is normally offered in the spring semester.

2213 HISTORY OF THE U.S. TO 1877
A survey of America's political, social, religious, intellectual, diplomatic, and economic history from its founding through Reconstruction. This course is normally offered every fall semester.

2223 HISTORY OF THE U.S. SINCE 1877
A survey of America's political, social, religious, intellectual, diplomatic, and economic history from the end of Reconstruction to the present. This course is normally offered in the spring semester.

2313 OKLAHOMA HISTORY
A study of the exploration of Oklahoma, coming of civilized tribes, opening of Indian lands to settlement by non-Indians, statehood, constitution and government, and economic and political developments. This course is normally offered in the spring semester of even numbered years.

2513 ENGLISH HISTORY TO 1603
A survey of English history from the Roman Conquest to the death of Elizabeth I, with emphasis on the creation of the national state and its constitutional evolution. Economic and social developments and relations with other parts of the British Isles also receive attention. This course is normally offered spring semester of even numbered years.

2523 ENGLISH HISTORY SINCE 1603
A survey of English history from the accession of James I to the present. In addition to the themes emphasized in the first half of this survey, the rise and the decline of the British Empire are studied. This course is normally offered spring semester of odd numbered years.

2613 THE MODERN MIDDLE EAST
A historical and cultural study of the modern Middle East, focusing on Islamic culture, nationalism, secularization and the challenge of Westernization. Key topics include the rise and fall of the Ottoman Empire, the establishment of Saudi Arabia, the Israeli-Palestinian conflict, the Iranian Revolution, the Persian Gulf Wars, and the rise of political terrorism. This course is normally offered in the fall semester of even numbered years.

2723 INTRODUCTION TO PUBLIC HISTORY
Introduction to theories regarding various fields of public history, the historical traditions of such fields, and the relationship between public history and the history profession. The course will introduce students to various public history fields including museum studies, archives, historic preservation, heritage tourism, media, oral history, and cultural resource management. Field trips to area museums, archival depositories, and research centers will be included. This course is normally offered in the fall semester of even numbered years.

2903 STUDIES IN EUROPEAN CIVILIZATION
A systematic study of Western civilization beginning with ancient Greece and ending with the emerging European community. Students visit major European capitals as part of the field experience on the European Studies Program. This course is normally offered in the fall semester and summer.

2923 PERSPECTIVES IN WESTERN CIVILIZATION
Prerequisite: Sophomore standing.
An examination of the political, economic, social, cultural and religious developments of Western civilization. This course is normally offered every fall semester and summer.

3113 AMERICAN WESTERN FRONTIER
A historical study of the western United States from the time of Spanish settlement to the present, focusing on interactions between Europeans and native inhabitants, American western expansion, and the importance of the western American folk culture. Key topics include Spanish conquistadores and missions, the Louisiana Purchase, the Oregon Trail, the Mexican-American War, Indian Wars, and the West in popular culture. This course is normally offered in the fall semester of even numbered years.

3213 COLONIAL AMERICA-1492-1763
This course focuses on the creation and development of European colonies in the New World, especially in North America, from the European discovery of America to the end of the French and Indian War. It compares and contrasts the cultures of the major European colonial powers and those of Native Americans. Key topics include European exploration and conquest, the everyday lives of colonists, their interactions with Native Americans, the development and spread of slavery, political and economic development, religious diversity and creativity, and colonial wars. This course is normally offered in the spring semester of odd numbered years.

3563 NINETEENTH CENTURY EUROPE, 1789-1890
An examination of the social, economic and political history of Europe from 1789 to the passing of Bismarck. Special emphasis is placed upon the French and Industrial Revolutions and their long-range effects. This course is normally offered every fifth semester.

3583 TWENTIETH CENTURY EUROPE, 1890-PRESENT
A study of the twentieth century and its dramatic developments, focusing especially on the challenges to liberalism embodied in the world wars, fascism, communism and the Cold War. This course is normally offered every fifth semester.

3613 AMERICAN INTELLECTUAL HISTORY
An interdisciplinary study of American thought from the Puritans to the present, with emphasis on American exceptionalism, Calvinism, the Enlightenment, Romanticism, individualism, social Darwinism, pragmatism, anti-communism, and post-modernism. This course is normally offered in the spring semester of even numbered years.

3713 AMERICAN RELIGIOUS HISTORY
A historical study of religion in America from the point of European contact to the present, with an emphasis on religious pluralism, church-state relations, theology, and cultural accommodation. Key topics include Puritanism, the Great Awakenings, evangelicalism, Catholicism, Mormonism, the Restoration Movement, the Social Gospel, Fundamentalism, and world religions in America. This course is normally offered in the spring semester of odd numbered years.

3913 RENAISSANCE AND REFORMATION, 1300-1648
An examination of the cultural developments which appeared first in Italy and then spread to Northern Europe. The course includes a brief survey of the Protestant revolt and its political ramifications. This course is normally offered every fifth semester.

4013 REVOLUTIONARY AND EARLY NATIONAL AMERICA, 1763-1815
A study of the creation and development of the American republic from the end of the French and Indian War through the War of 1812 with an emphasis on politics and political thought, diplomacy, and religious and cultural developments. Particular attention will be paid to the emergence of American culture and nationalism, dissent and revolution, the Confederation and Constitution, the development of political parties, westward expansion, the War of 1812, and the personalities, politics and religious beliefs of the founding generation. This course is normally offered in the fall semester of odd numbered years.

4113 JACKSONIAN AMERICA-1815-1850
An examination of the political, economic, social and cultural developments of the United States from the end of the War of 1812 through the 1840s with emphasis on the rise of Jacksonian democracy, religious revivals and innovations, revolutions in transportation, communications and market economics, the emergence of American nationalism, the bases for sectionalism, and America's westward expansion. Key topics include Jacksonian politics, the Second Party System, Indian removal, manifest destiny, the Second Great Awakening, and the Mexican-American War. This course is normally offered in the spring semester of even numbered years.

4313 THE GILDED AGE AND PROGRESSIVE ERA, 1877-1914
A study of the aftermath of Reconstruction, the occupation of the trans-Mississippi West, the revolutions in communications, agriculture, and industry, and their relation to political and social developments, the tariff, movements for reform, foreign relations, and the progressive movement. This course is normally offered in the fall semester of odd numbered years.

4343 AMERICA IN THE ERA OF THE WORLD WARS, 1914-1945
A study which focuses on the home front during this turbulent period. Topics covered include the impact of the wars on society, the economic collapse of the nation, the transition from an agrarian society to a dominant urban culture, the revolution in thought and morals, and the growing rumblings of discontent from women and minorities. This course is normally offered in the fall semester of odd numbered years.

4353 U.S. HISTORY SINCE 1945
A study of America's political, diplomatic, social, economic, and cultural history since the end of WWII, focusing on the Cold War, McCarthyism, the expansion of civil rights, the Vietnam War, student protests, the Persian Gulf Wars, and popular culture. This course is normally offered in the spring semester of odd numbered years.

4423 HISTORY AND THEORY OF HISTORIC PRESERVATION
Survey of the various historic theories of historic preservation, and the social, cultural, and technological forces that shaped them. The course will foster a consciousness of the various historical and contemporary attitudes towards the identification and preservation of historically significant structures. This course is normally offered in the spring semester of odd numbered years.

4523 HISTORY OF ROME
A study of Rome from founding to fall, with special attention to the nature of Roman imperialism, culture, politics and the roles of Jews and Christians in the Empire. This course Is normally offered every fifth semester.

4613 MEDIEVAL EUROPE, 400-1300
A detailed study of the political, economic and social history of Europe from the decline of the Roman Empire up to late Middle Ages, with special attention to key institutions which have shaped the modern world. This course Is normally offered every fifth semester.

4723 CIVIL WAR AND RECONSTRUCTION
A study of the social, economic and political factors leading to the Civil War, 1861-1865, and the results of the conflict. This course is normally offered in the fall semester of even numbered years.

4733 SENIOR HISTORY SEMINAR
Prerequisites: Senior standing and grade of "C" or better in HIST-2123.
A capstone seminar giving history majors the opportunity to further develop their craft as historians and explore in depth a historical question that has interested them. Students interact with the faculty at an advanced level, produce a historical project and practice research skills in preparation for graduate school or for entry into their professions. This course is normally offered in the fall semester.

4810 SPECIAL STUDIES
Content varies. Course may be repeated. (1-3 hours) This course offered as needed.

4900 INDEPENDENT STUDY IN HISTORY
Provides mature students an opportunity for individual research and guided readings. (1-3 hours) This course offered as needed.

HONORS PROGRAM COURSES (HONR)

THE PREREQUISITE FOR ALL HONORS COURSES IS ADMISSION TO THE HONORS PROGRAM.

1010, 1020 SYMPOSIUM
Content changes each semester, but course focuses on current issues or concerns related to other courses in the program. This course is normally offered every semester. 1010 is normally offered in the fall semester and 1020 is normally offered in the spring semester.

1114 WESTERN THOUGHT AND EXPRESSION THROUGH THE RENAISSANCE
An interdisciplinary analysis of the confluent events and expressions – historical, political, religious, philosophical, artistic, scientific, and mathematical – that have shaped Western thought, values and culture through the Renaissance. In particular, the course focuses on those aspects of early Western civilization that have directly influenced our current thinking and culture. This course is normally offered in the fall semester.

1124 WESTERN THOUGHT AND EXPRESSION SINCE THE RENAISSANCE
An interdisciplinary analysis of the confluent events and expressions – historical, political, religious, philosophical, artistic, scientific, and mathematical – that have shaped Western thought, values and culture since the Renaissance. The course focuses on the rise of individualism, new scientific discoveries, and the globalization of economies and war. Topics include the effect of each of these elements on our current American cultural and political realities. This course is normally offered in the spring semester.

1214 THE BIBLE AND CLASSICAL LITERATURE
A careful study of key biblical texts and the worldview they teach juxtaposed with a study of classical texts from the ancient Greek and Roman civilizations. Students study the similarities of theme and artistic form between the two types of text and analyze the different responses they offer to our human condition and needs. This course is normally offered in the fall semester.

1224 THE BIBLE, SCIENCE AND HUMAN VALUES
A study of biblical teachings concerning the nature of human beings and order in God's universe compared and contrasted with specific discoveries and philosophies of science after the Renaissance. The course focuses on the specific ways in which the Bible and science interacted to produce many of the human values common to contemporary Western civilization. This course Is normally offered spring semester. This course is normally offered in the spring semester.

2010, 2020 SYMPOSIUM
Content changes each semester, but course focuses on current issues or concerns related to other courses in the program. This course is normally offered every semester.

2113 THE QUEST FOR MEANING: CHRIST AND THE GOOD LIFE
A course based on the supposition that Jesus Christ provides the best solution to persistent puzzles of life: "Why am I here?" "What is worth doing?" "How can I live a good life?" "Where am I going?" To see Jesus' answers in context, students investigate His life and teachings and note conflicts and conjunctions between His revelation and other views of the good life which have been significant for our culture. This course is normally offered in the fall semester.

2123 THE QUEST FOR IDENTITY: RACE, CLASS AND GENDER IN AMERICAN THOUGHT
A study of American authors and texts in the nineteenth and twentieth centuries that have contributed in a significant way to our current understanding of American identity. Particular attention will be given to the conflict in our society between individualism and the community and how the conflict has influenced our current understanding of race, class and gender. This course is normally offered in the spring semester.

3111, 3121, 4111 HONORS SYMPOSIUM
An honors symposium led by experts from various disciplines on topics specific to their respective areas of study and/or research. The purpose of the symposium is to encourage honors students to think critically and broadly, to communicate effectively and to make application of the knowledge specific to their fields of study. This course is normally offered every semester.

4113 HONORS INTERNATIONAL EXPERIENCE
Honors students are encouraged to study abroad as a way to integrate and enrich the honors core curriculum. To gain this credit, student may participate in any of Oklahoma Christian's academic study abroad programs that are six weeks or longer. CCCU and other study programs may count if approved by the honors director. Typically, to be approved, programs must be academic and involve at least six weeks of travel living outside the U.S. and Canada. (Typically honors students use this course to receive credit for one of the two required required study abroad courses: HIST-2903-Studies in European Civilization, HIST-3143-Human Geography of Pacific Rim).

4121 SENIOR HONORS SEMINAR
Honors research project, thesis, or extensive service project designed and completed by the honors student with the approval of the Director of the Honors Program and under the guidance of an OC faculty member. This course is normally offered every semester.

INFORMATION SYSTEMS (INFO)

3113 PRINCIPLES OF ELECTRONIC BUSINESS
A comprehensive study of the organizational needs for information and the conceptual, technological, and practical foundations of information systems in order to build an understanding of the value of information systems for business operations, management decision making, and strategic advantage. An introduction to the concepts of electronic business as facilitated by the Internet, World Wide Web, and related technologies. The topics covered include an understanding of the catalysts for e-business (business-to-business and business-to-customer), convergence of technologies and capabilities, technological challenges, Web design, behavior and educational challenges, organizational and business barriers, and strategies for e-business. This course is normally offered every semester.

3613 MANAGEMENT INFORMATION SYSTEMS
A study of the conceptual and practical foundations of information processing support for management decision making and control functions. This course is normally offered in the fall semester.

4900 INDEPENDENT STUDY IN INFORMATION SYSTEMS
Prerequisites: Junior or Senior standing and approval of the dean of the college. (1-3 hours).
Assigned readings, reports, research projects, and system development projects based on the needs of the student. A maximum of 3 hours may be counted toward the major. This course is normally offered as needed.

INTERNATIONAL STUDIES (INTL)

3123 INTERNATIONAL EXPERIENCE
During this course, students participate in an experience that immerses them for at least one week in the international business environment of a country or countries paying particular attention to the methods, practices and challenges of conducting business in an international environment. Course requirements include attending at pre-trip seminars and completing all course assignments after the conclusion of the travel experience. This course is normally offered as needed.

3313 INTERNATIONAL BUSINESS
Prerequisites: ECON-2113.
An overview of the world of international business. This class examines the environment and management of international business, stressing the effects of the foreign exchange markets, capital markets and international financial and economic organizations upon managerial functions such as exporting and importing, foreign investment, marketing, personnel, accounting and finance. This course is normally offered every semester.

4213 INTERNATIONAL FINANCE
Prerequisite: FINC-3313.
Examines all the factors affecting the determination and fluctuation of exchange rates and the forecasting of those exchange rates. Studies the principles around currency hedging to protect profits when conducting business on an international level. Also, addresses the accounting and financial principles surrounding international mergers and acquisitions and capital budgeting decisions. Same as FINC-4213. This course is normally offered in the spring semester.

4413 INTERNATIONAL MANAGEMENT
International management is an analysis of cultural impacts on international management and international business. Along with information technology, international management is the major challenge facing organizations entering the new millennium. All countries and companies are now part of the super-competitive global marketplace. Emphasis is placed on the emerging role of the global manager as a cosmopolitan, communicator, negotiator, creator of synergy, and change leader. Seven major world regions – North America, Latin America, Asia, Europe, Middle East, India, and Africa – are discussed for matters of cultural specifics. This course will provide a balanced approach to International Management by discussing international environment, culture, strategy and functions and organizational behavior, and human resource management. Same as MGMT-4413. This course is normally offered in the fall semester.

4723 GLOBAL MARKETING
This course discusses the marketing of goods, services, and ideas in the context of a multinational environment. Same as MKTG-4723. This course is normally offered in the spring semester.

4743 INTERNATIONAL CONSULTING AND DEVELOPMENT
A study and application of the international consulting process using social-entrepreneurial tools to address problems in developing nations. Topics addressed include: poverty, "when helping hurts", microfinance, access to capital, problems with aid, social entrepreneurship, fair trade, performance analysis, conscious capitalism, and service centered missions. Each student will work individually and in a team to address a specific, real-world problem or change effort currently underway in a variety of international settings. Same as COMM-4743, MGMT-4743, and MISS-4743 This course is normally offered in the spring semester.

4990 INTERNSHIP IN INTERNATIONAL BUSINESS
Prerequisites: Admission to School of Business Administration Upper Division, completion of INTL-3313 and approval of advisor and dean.
Supervised and approved international business internship with firm or organization; written and oral reports are required along with employer evaluation. (Variable credit, 1-3 semester hours; 30 hours work required for each hour of credit with a maximum of 3 credit hours.) This course is normally offered as needed.

JAPANESE COURSES (JAPN)

1113 BASIC JAPANESE I
A study of beginning Japanese, enabling the student to understand, respond, read and write basic Japanese. This course is designed for students participating in the Pacific Rim program. This course is normally offered as needed.

1213 BASIC JAPANESE II
Prerequisite; JAPN-1113.
Basic Japanese II develops the language and writing skills students have begun in Basic Japanese I. The course requires students to increase their levels of understanding of Japanese, both oral and written.

MANAGEMENT (MGMT)

3113 PRINCIPLES OF MANAGEMENT
An introduction to the management processes of planning, organizing, leading and controlling. The theory and history of management, decision making, policy planning, organization planning, supervising, coordinating and controlling and human resources management are studied. This course is normally offered every semester.

3213 OPERATIONS MANAGEMENT
Prerequisites: MGMT-3113 and MATH-2913.
A study of the production operations function in business including the creation of both goods and services. Attention is given to the design, location and operation of the productive system and its interrelationship with other systems in the organization. The course places special emphasis on the use of quantitative technique in decision making. This course is normally offered in the fall semester.

3323 ENTREPRENEURSHIP AND SMALL BUSINESS MANAGEMENT
Prerequisite: Junior standing or permission of instructor.
An introduction and examination of entrepreneurial, small business, self-employment opportunities, and new venture processes. The course covers managerial activities needed for start-up and operation of the small business enterprise. This course is normally offered in the fall semester.

3533 ISSUES IN MANAGEMENT
Prerequisite: MGMT-3113.
This course covers a selection of current issues and specialized topics in management. The course is updated each year to ensure relevant topics are considered and explored. This course is normally offered in the fall semester.

4313 ORGANIZATIONAL BEHAVIOR
Prerequisite: PSYC-1113.
An integration of social sciences as they affect people at work. The organization is analyzed from the standpoint of three interacting systems: the individual, the group, and the organization itself. Emphasis is placed on managing organizational behavior. (Same as PSYC-4313 or SOCI-4313.) This course is normally offered in the spring semester.

4413 INTERNATIONAL MANAGEMENT
International management is an analysis of cultural impacts on International management and International business. Along with information technology, international management is the major challenge facing organizations entering the new millennium. All countries and companies are now part of the super competitive global marketplace. Emphasis is placed on the emerging role of the global manager as a cosmopolitan, communicator, negotiator, creator of synergy, and change leader. Seven major world regions – North America, Latin America, Asia, Europe, Middle East, India, and Africa – are discussed for matters of cultural specifics. This course will provide a balanced approach to International Management by discussing international environment, culture, strategy and functions and organizational behavior and human resource management. Same as INTL-4413. This course is normally offered in the fall semester.

4513 HUMAN RESOURCE MANAGEMENT
Prerequisites: MGMT-3113.
A study of the major human resource management processes including staffing, training and development, appraisal, compensation, leadership, organizational justice, labor relations, quality of work life and employee health and safety. The course focuses on contemporary human resource management issues. This course is normally offered in the fall semester.

4613 STRATEGIC MANAGEMENT
Prerequisites: FINC-3313, MGMT-3113, MKTG-3313 and senior standing.
A capstone seminar that draws together the concepts and tools studied in previous business courses. The course uses the case method of instruction and a computer-based simulation, and it affords practice in analyzing authentic managerial problems in free enterprise from the varying viewpoints of diverse disciplines and practice in forming workable solutions which consider both technical and human factors. The course gives particular attention to the standards of conduct appropriate for Christian leaders. This course is normally offered every semester.

4743 INTERNATIONAL CONSULTING AND DEVELOPMENT
A study and application of the international consulting process using social-entrepreneurial tools to address problems in developing nations. Topics addressed include: poverty, "when helping hurts", microfinance, access to capital, problems with aid, social entrepreneurship, fair trade, performance analysis, conscious capitalism, and service centered missions. Each student will work individually and in a team to address a specific, real-world problem or change effort currently underway in a variety of international settings. Same as COMM-4743, INTL-4743, and MISS-4743 This course is normally offered in the spring semester.

4900 INDEPENDENT STUDY IN MANAGEMENT
Prerequisites: Junior or Senior standing and approval of the chair of the college. (1-3 hours). A maximum of 3 hours may be counted toward major. Assigned readings, reports and research projects based on the needs of the individual student. This course is offered as needed.

4990 INTERNSHIP IN MANAGEMENT
Prerequisites: admission to School of Business Administration upper division, completion of MGMT-3113 and approval of advisor and chair.
Supervised and approved management internship with firm or organization; written and oral reports are required along with employer evaluation. (Variable credit, 1-3 semester hours; 30 hours work required for each hour of credit with a maximum of 3 credit hours.) This course is offered as needed.

MARKETING (MKTG)

3313 PRINCIPLES OF MARKETING
An introduction to the fundamentals of marketing. Product distribution, promotion, and price are studied with emphasis on the marketing aspects of managerial decision making in a dynamic society. This course is normally offered every semester.

3413 CONSUMER BEHAVIOR
Prerequisites: PSYC-1113 and Junior standing.
The study of consumer motivations and values in the light of social and psychological theory. This background provides standards of the social and human evaluation of marketing activities, with emphasis on consumer motivation and consumer psychological makeup. The course develops the relationship between social and psychological factors in marketing activities. This course is normally offered in the spring semester.

3513 ELECTRONIC COMMERCE AND ONLINE MARKETING
An in-depth study of the structure of online markets, online buyer behavior, business to business online, virtual product offerings, web-based promotion, logistics and fulfillment, and web-based pricing. Students are required to create a web-based business, design their own web page, and market a product online. This course is normally offered in summer.

3713 SALES MANAGEMENT AND THE SALES PROCESS
Prerequisite: Junior standing.
An in-depth look at the process of selling all types of products and services and at the process of managing a sales territory. A combination of lecture, class discussion, and student presentations will be utilized. This course is normally offered in the spring semester.

4313 PROMOTIONAL STRATEGIES
Prerequisite: Junior standing, or instructor approval.
An introduction to the various communication channels available for the spread of promotional information about goods, services and ideas to prospects. The course gives special attention to behavioral considerations and places particular emphasis upon the duties of marketing managers in planning, implementing, and controlling a program of promotional communication. This course is normally offered in the spring semester.

4513 MARKETING RESEARCH
Prerequisites: MATH-2913 and junior standing.
The study of marketing research theory and technique with special emphasis on the use of the scientific method. The course seeks to develop the student's analytical ability, to familiarize the student with the basic marketing research tools, and to develop the student's proficiency in the art of writing research reports. This course is normally offered in the fall semester.

4613 MARKETING MANAGEMENT
Prerequisite: Senior standing.
A study of managerial aspects of the marketing function, emphasizing the qualitative criteria utilized in evaluating marketing alternatives. The course includes topics related to the decision-making process such as marketing research, product development, advertising and promotion, sales management, cost and demand analysis, competition, pricing, packaging, and forecasting. This course is normally offered in the spring semester.

4723 GLOBAL MARKETING
This course discusses the marketing of goods, services, and ideas in the context of a multinational environment. Same as INTL-4723. This course is normally offered in the spring semester.

4900 INDEPENDENT STUDY IN MARKETING
Prerequisites: Junior or Senior standing and approval of the chair of the school.
Assigned readings, reports, and research projects based on the needs of the student. (1-3 hours). A maximum of 3 hours may be counted toward major. This course Is offered as needed.

4990 INTERNSHIP IN MARKETING
Prerequisites: Admission to upper division, completion of MKTG-3313 and approval of advisor and chair.
Supervised marketing internship with approved firm or organization; written and oral reports are required. (Variable credit, 1-3 semester hours; 30 hours work required for each hour of credit with a maximum of 3 credit hours.) This course is offered as needed.

MATHEMATICS (MATH)

1143 ELEMENTS OF MATHEMATICS I
Prerequisite: SDEV-0103 or a math ACT score of 23 or higher. Designed to give the liberal arts student a comprehensive overview of the applications of mathematics in today's society with an emphasis on problem-solving skills. Special attention will be given to the role of mathematics. Topics will include set theory, logic, probability, systems of numeration, and number theory. This course is normally offered every semester.

1153 ELEMENTS OF MATHEMATICS II
Prerequisite: SDEV-0103 or a math ACT score of 23 or higher.
Topics include algebra, systems of linear equations, geometry, problem solving and consumer mathematics. This course is normally offered every semester.

1213 COLLEGE ALGEBRA
Prerequisite: SDEV-0103 or a math ACT score of 23 or higher. A study of basic algebraic operations. Includes the solution and graphing of linear equations, quadratic equations, polynomials, inequalities, logarithms, and exponential functions. Other topics include sequences, series, binomial theorem, systems of equations and matrices. This course is normally offered every semester.

1523 TRIGONOMETRY
Prerequisite: SDEV-0103 or a math ACT score of 23 or higher. A study of trigonometric equations, their graphs, and inverses. Other topics include trigonometric identities, trigonometric equations, radian degree measure, and the polar coordinate system. This course is normally offered every semester.

1623 INTRODUCTION TO DISCRETE MATHEMATICS
Prerequisite: MATH-1213, MATH-1413, MATH-1522, or MATH-2114.
Topics include sets and set relations, functions, proof techniques, logic, logic functions, logic circuits, counting techniques, and graph theory. This course is normally offered every spring semester.

2113 APPLIED CALCULUS
Prerequisite: MATH-1213.
Analytic geometry, limits, derivatives and integrals involving algebraic, exponential and logarithmic functions. Applications are primarily related to the areas of business and social sciences. This course is normally offered in the spring semester.

2114 CALCULUS I WITH ANALYTICAL GEOMETRY
Prerequisites: MATH-1213 and MATH-1523 or the equivalent.
Differentiations and integrations of algebraic and transcendental functions, applications and analytical geometry. This course is normally offered every semester.

2214 CALCULUS II WITH ANALYTICAL GEOMETRY
Prerequisite: MATH-2114.
Differentiations and integrations of inverse trigonometric functions, logarithmic functions, and exponential functions. Topics include formal integration techniques, polar coordinates, conic sections, sequences and series. This course is normally offered every semester.

2314 CALCULUS III
Prerequisite: MATH-2214.
The calculus of functions of several variables, partial differentiation, multiple integrals, vectors and vector functions. This course is normally offered every semester.

2913 STATISTICAL METHODS
Prerequisite: MATH-1213 or the equivalent.
Basic experimental statistics, basic probability distributions, methods of estimations, tests of significance, sampling techniques, inferences concerning population parameters, regression and correlation. This course is normally offered every semester.

3013 DIFFERENTIAL EQUATIONS
Prerequisite: MATH-2214.
First order and simple higher-order differential equations, linear equations with constant coefficients, simultaneous differential equations, series solutions and applications. This course is normally offered every semester.

3113 NUMBER THEORY
Prerequisite: MATH-2214.
Divisibility, primes, congruencies, functions of number theory, Diophantine equations, Farey fractions and other related topics. This course is normally offered in the spring semester of even numbered years.

3123 MATHEMATICAL MODELING AND STRATEGIES FOR SECONDARY TEACHERS
Prerequisites: MATH-2214 and permission of instructor.
Designed for secondary mathematics teachers to provide experiences that develop significant connections among mathematical ideas and applications of these ideas to problem solving in mathematics. The course includes opportunities for the prospective mathematics teacher to reflect critically on teaching practices and curriculum and to use a variety of tools of technology and manipulatives to create environments to help students learn. This course also includes a survey of the historical development of mathematical systems, including those contributions of underrepresented groups and diverse cultures. This course is normally offered in the fall semester of even numbered years.

3313 MODERN ALGEBRA I
Prerequisite: MATH-2214.
An introduction to modern algebra. Topics include concepts from set theory, number systems, groups, rings, and fields. This course is normally offered in the fall semester of even numbered years.

3413 MODERN ALGEBRA II
Prerequisite: MATH-3313.
A continuation of Modern Algebra I, including vector spaces, polynomial rings, and ideals. This course is normally offered in the spring semester of odd numbered years.

3513 LINEAR ALGEBRA
Prerequisite: MATH-2214.
Matrix theory, quadratic forms, determinants, linear transformations, systems of equations, eigenvalues and eigenvectors. This course is normally offered every fall semester.

3623 INTRO TO ANALYSIS
Prerequisite: MATH-2214
A rigorous approach to the usual topics encountered in Calculus I, II, & III such as limits, continuity, differentiation, integration, and infinite series. The course is intended to prepare the student for more advanced analysis courses such as Advanced Calculus, Introduction to Real Analysis, or Introduction to Complex Analysis usually encountered at the first year graduate level. The construction of mathematical proofs will be emphasized. This course is normally offered in the fall semester of odd numbered years.

3813 MODERN GEOMETRY
Prerequisite: MATH-2214.
Advanced Euclidean geometry, axiomatic geometries, non-Euclidean geometry, and graph theory. This course is normally offered in the spring semester of odd numbered years.

4113 PROBABILITY AND STATISTICS I
Prerequisite: MATH-2314.
Simple probability models, random variables, distribution functions and discrete and continuous distributions. This course is normally offered in the fall semester of odd numbered years.

4213 PROBABILITY AND STATISTICS II
Prerequisite: MATH-4113.
Sampling, presentation of data, testing statistical hypotheses, estimating and testing variability and comparisons of populations. This course is normally offered in the spring semester of even numbered years.

4313 COMPLEX VARIABLES
Prerequisites: Any two math courses numbered 3000 or above.
Complex numbers, analytic functions, integration series, contour integration, analytic continuation and multi-valued problems, conformal mappings, boundary value problems, and integral transforms. This course is normally offered in the fall semester of even numbered years.

4513 POINT SET TOPOLOGY
Prerequisites: Any two math courses numbered 3000 or above.
Theory of point sets and abstract spaces with applications to analysis. This course is offered as needed.

4811 SEMINAR IN MATHEMATICS
Prerequisite: Senior standing.
A seminar uniting the varied elements of the mathematics major. A written and oral presentation covering a current research topic in mathematics is required. This course is normally offered in the fall and spring semester.

4900 INDEPENDENT STUDY IN MATHEMATICS
Prerequisite: Juniors or seniors with approval of the instructor and of the departmental chair.
Assigned research, readings and reports based on the needs of the individual student. 1-3 hours. This course is offered as needed.

MECHANICAL ENGINEERING (MECH)

3403 ENGINEERING MATERIALS
Prerequisites: ENGR-2533 and ENGR-2323.
An introduction to engineering materials with emphasis placed on proper material selection in design. Course topics will include the relationships between microscopic structure and the mechanical properties of metals, polymers, and ceramics and how material properties may be "engineered" through alloying, heat treating, etc. Lecture – 3 hours. This course is normally offered in the fall semester.

3443 FLUID MECHANICS
Prerequisite: ENGR-2433. Corequisite: MATH-3013.
A study of fluid statics and dynamics. Application of mass, energy and momentum conservation principles to design and analysis of fluid devices and systems, including introductions to boundary layer theory, dimensional analysis and compressible flow. Lecture – 3 hours. This course is normally offered in the spring semester.

3453 THERMODYNAMICS II
Prerequisites: ENGR-2432. Corequisite: CHEM-1314.
A continuation of thermodynamics topics such as: unsteady processes, advanced cycles, gas mixtures, psychrometrics, chemical and phase equilibrium, combustion analysis, thermodynamic property relations and compressible flow. Lecture – 3 hours. This course is normally offered in the fall semester.

3403 ENGINEERING MATERIALS
Prerequisites: ENGR-2533 and ENGR-2323.
An introduction to engineering materials with emphasis placed on proper material selection in design. Course topics will include the relationships between microscopic structure and the mechanical properties of metals, polymers, and ceramics and how material properties may be "engineered" through alloying, heat treating, etc. Lecture – 3 hours. This course is normally offered in the fall semester.

3613 MANUFACTURING PROCESSES
Prerequisites: ENGR-3403.
An introduction to the various techniques and manufacturing processes used to fabricate and assemble components. Emphasis is placed on understanding the advantages and limitations of each technique. Lecture – 2 hours; Laboratory – 3 hours. This course is normally offered in the spring semester.

3813 MECHATRONICS
Prerequisite: ENGR-2623.
Common applications of diodes and transistors plus concepts and applications of digital systems, including micro-processor based systems. Lecture – 2 hours; Laboratory – 3 hours. This course is normally offered in the fall semester.

4113 MECHANICAL APPLICATIONS OF PARTIAL DIFFERENTIAL EQUATIONS
Prerequisite: MATH-3013.
A continuation of the study of material science, including a more in depth look at metal and polymer behaviors, plus discussions of modern materials including composites, nano-material, and multifunctional materials such as shape memory alloys. Special emphasis will be placed on material selection considerations for engineering design. Lecture – 3 hours. This course is normally offered in the fall semester.

4123 MACHINE DYNAMICS
Prerequisite: MATH-3013 and ENGR-2523.
A study of kinematics and dynamics of machines and machine parts. Analysis of the kinematics of planar linkages, dynamics of cam mechanisms, gear trains, governors, flywheels, and gyroscopes. Lecture – 3 hours. This course is normally offered in the fall semester.

4133 DYNAMIC SYSTEMS AND CONTROLS
Prerequisites: ENGR-2523 and ENGR-2623.
Mathematical modeling for dynamic response of electrical, mechanical, fluid and thermal systems. Introduction to control systems. System response characteristics are investigated by use of state variable theory, time domain and frequency response analysis, root locus and Nyquist stability criteria. Design of mechanical engineering control systems. Lecture – 3 hours. This course is normally offered in the spring semester.

4213 MACHINE DESIGN
Prerequisite: ENGR-2533.
Analysis of machine components, stress analysis, failure prediction, fatigue failure, safety, and reliability. Lecture – 3 hours. This course is normally offered in the spring semester.

4233 HEATING, VENTILATING AND AIR CONDITIONING
Prerequisites: MECH-3443.
An introduction to analysis and design methods used in HVAC equipment and systems. Emphasis on comfort, safety, economy, and energy conservation in load calculations, room air distribution, piping and duct design, and equipment selection. Lecture – 3 hours. This course is normally offered in the fall semester.

4243 HEAT TRANSFER
Prerequisite: MECH-3443.
Analysis of heat transfer devices and systems. Analytical and numerical solutions of conservation equations including conduction, convection and radiation effects. Design and analysis of heat exchangers. Lecture – 3 hours. This course is normally offered in the fall semester.

4311 THERMAL-FLUIDS LAB
Prerequisites: ENGR-3311
Corequisite: MECH-4243.
Application of experimental methods for pressure, temperature and flow measurement to thermodynamic systems, fluid power devices, heat exchangers and aerodynamic surfaces. Data collection, analysis and interpretation of results with emphasis on report writing. Laboratory – 3 hours. This course is normally offered in the spring semester.

4513 ADVANCED MECHANICS OF MATERIALS
Prerequisite: ENGR-2533. and MECH-3403.
Stress, strain and torsion analysis; deflections of statically indeterminate structural systems and failure analysis; design criteria. Three-dimensional and unsymmetrical stress analysis, finite element methods and buckling. Lecture – 3 hours. This course is normally offered in the spring semester.

4523 FINITE ELEMENT ANALYSIS
Prerequisite: MATH-3013 and MECH-3613.
An introduction to the mathematical foundation of the finite element method and the responsible application of the technique to mechanical design and analysis. The mathematical element formulations for simple truss, beam, and conduction problems, as well as the use of commercial finite element software will be addressed. This course is normally offered in the fall semester.

4533 VIBRATION THEORY AND APPLICATION
Prerequisites: MATH-3013 and ENGR-2523.
Free and forced vibrations of multiple degree of freedom mechanical and structural systems with various types of damping. Theory of vibration isolation, design of vibration absorbers, harmonic and nonharmonic disturbances and shock spectrums. Theory of vibration measuring instruments. Introduction to dynamic finite element methods. Lecture – 3 hours. This course is normally offered in the spring semester.

4613 TOOLS AND MANAGEMENT OF QUALITY
Prerequisite: MECH-3023.
An introduction to the mathematical foundation of the finite element method and the responsible application of the technique to mechanical design and analysis. The mathematical element formulations for simple truss, beam, and conduction problems, as well as the use of commercial finite element software will be addressed. This course is normally offered in the spring semester.

4732 SYSTEMS DESIGN I
Prerequisites: Advisor permission.
A recap and extension of problem-solving skills introduced in earlier courses using a systems design approach; to prepare the student for the capstone design project work of MECH-4742 and MECH-4752; topics to include engineering design terminology, methodology and procedures; technical memos and reports; safety, ethics, information gathering and team dynamics. Significant emphasis on oral presentations is included. Laboratory – 3 hours. Same as ELEC-4732 and CENG-4732. This course is normally offered in the spring semester.

4743 SYSTEMS DESIGN II
Prerequisites: Advisor permission and MECH-4732.
An implementation of the design methodology covered in Systems Design I. Applications of research and design relating to real world or industry problems; interaction with other fields of engineering and science. MECH-4742 and MECH-4752 constitute a single two-semester project experience. Laboratory – 6 hours. Same as ELEC-4743 and CENG-4743. This course is normally offered every semester.

4753 SYSTEMS DESIGN III
Prerequisites: Advisor permission and MECH-4743.
A continuation and completion of the capstone design project begun in MECH-4742. Students not successfully completing the entire project must normally retake MECH-4742/4752 with a new project assignment. Laboratory – 6 hours. Same as ELEC-4753 and CENG-4753. This course is normally offered every semester.

4820 INTERNSHIP FOR ENGINEERING PRACTICE
The engineering programs encourage all students to participate in at least one summer of engineering internship work. The engineering internship experience is very important to providing real-world application of the classroom experience and also has become an expectation by employers of engineers internationally. This course allows international students in F-1 status majoring in engineering at OC to participate in Curricular Practical Training. Enrollment in this course will be under the supervision of an individual engineering professor. A journal or summary paper of the internship experience will be required at the conclusion of the employment period. 1 to 3 credit hours. This course is offered as needed.

MEDICAL TECHNOLOGY (MEDT)

Prerequisite for all medical technology courses: Admission to clinical training. Courses are taught off campus at clinical sites. Check the catalog of the cooperative university for semesters when courses are offered.

4117 CLINICAL MICROBIOLOGY
The theory and laboratory study of pathogenic bacteria, viruses, rickettsiae, fungi and parasites. Isolation, identification, antimicrobials susceptibility testing and medical significance.

4125 CLINICAL CHEMISTRY I
The theory and laboratory methodology of analytical biochemistry, clinical microscopy, routine, and special procedures and medical significance.

4236 CLINICAL HEMATOLOGY
Systematized study of disease, cell maturation and function, principles of hemostasis, methodology used in routine and special hematology studies and correlation of hematological findings with physiological conditions.

4246 CLINICAL IMMUNOLOGY
The theory of immunologic responses and procedures used in serological determinations; the study of immunohematology, fundamentals of antigen-antibody reactions, blood groups and types, compatibility testing, blood components, and the laboratory methods used as they relate to the medical significance of immunohematology; immunology and infectious diseases.

4325 CLINICAL CHEMISTRY II
The theory and laboratory methodology of analytical biochemistry, instrumentation, laboratory mathematics, routine and special procedures, and medical significance.

4351 TOPICS IN MEDICAL TECHNOLOGY
Principles and practices of the medical laboratory including basic management, quality assurances, special education methodology, computer applications, laboratory safety, and special projects in selected areas.

MISSIONS (MISS)

3003 VOCATIONAL MINISTRY
A course that examines a range of issues related to Christian ministry when it is not fully remunerated by a church or parachurch agency. Emphasis is placed on applying one's gifts and talents in diverse fields of endeavor that are commonly viewed as "secular" but with the explicit goal of building up the kingdom of God worldwide. Non-textual. Same as BIBL-3003. Normally offered every fall semester.

3013 MISSION PREPARATION
A course taught by one who has served as a missionary. The following subjects are treated: the New Testament concept of missions and missions today; a description of the work of a missionary; doctrinal preparation for the mission field; emotional preparation; spiritual preparation; preparing the supporting home church missionary cycle, entering the host country; communicating with the home church; effective missionary methods for various fields; maintaining physical, mental, emotional, social, and spiritual health in the mission field. Non-textual. Same as BIBL-3033. This course is normally offered in the spring semester of odd numbered years.

3033 BIBLICAL MISSIONS METHODS
A course that examines a range of issues related to Christian ministry when it is not fully remunerated by a church or parachurch agency. Emphasis is placed on applying one's gifts and talents in diverse fields of endeavor that are commonly viewed as "secular" but with the explicit goal of building up the kingdom of God worldwide. Non-textual. Same as BIBL-3003. Normally offered every fall semester.

3113 WOMEN IN MISSIONS
A study of the unique opportunities, challenges and difficulties which single and married women face on the mission field. Non-textual. This course is normally offered in the fall semester.

3143 INTRODUCTION TO ASIAN CIVILIZATIONS
Prerequisite: Junior standing
Introduces the major cultural themes of East, Southeast, and South Asia. Students will learn about the geographical, social, political, economic, cultural and religious features of the three major regions of Asia. Fulfills the core curriculum non-Western civilization requirement. Same as SOCI-3143. Non-textual. This course is offered as needed.

3153 URBAN MINISTRY
An examination of diverse aspects of ministry within urban contexts both in the United States and abroad. Topical areas covered include cities in the Bible, principles of urban evangelism and missions, urban church growth, and ministry in contexts of ethnic, racial, and socioeconomic diversity. Non-textual. This course is normally offered in the spring semester of even numbered years.

3213 CHURCH GROWTH
A study of the dynamics of the intersection between gospel, church and culture. Emphasis will be given to how the gospel engages cultures through the life and witness of the church. Same as BIBL-3153. Non-textual. This course is normally offered in the fall semester of even numbered years.

3313 CROSS-CULTURAL MINISTRY
A course that examines spiritual, theological, and missiological issues involved in ministering to individuals and groups in intercultural contexts, both foreign and domestic. Non-textual. Same as BIBL-3333. This course is normally offered in the spring semester of odd-numbered years.

3513 WORLD RELIGIONS
Prerequisite: Junior standing
A comparative study of the beliefs and practices, as well as the historical and sociological impact, of several of the world's principal religious traditions. These include indigenous traditions, Judaism, Islam, Hinduism, Buddhism, Taoism, Confucianism, and Shinto. Fulfills the core curriculum non-Western civilization requirement. Same as SOCI-3513. Non-textual. This course is normally offered every semester.

3613 CULTURAL ANTHROPOLOGY
A course that is designed with the intent of enhancing students' cultural intelligence, specifically in terms of understanding cultural diversity and functioning more effectively in culturally diverse contexts. A significant component of the course is devoted to the study of the anthropology of religion. This course fulfills the non-Western civilization requirement in the Core Curriculum. Same as BIBL-3613 and SOCI-3613. This course is normally offered every spring semester.

3673 NEW RELIGIOUS MOVEMENTS
This course examines both religious and quasi-religious teachings and practices in a variety of newer religious movements of diverse cultural and philosophical origins. This course fulfills the non-Western civilization requirement in the Core Curriculum. Same as SOCI-3673. This course is offered as needed.

4113 THE LOCAL CHURCH AND MISSIONS
A study of the responsibility of the local church in world evangelism with suggestions concerning how to lead the local church to accept and carry out its missionary work. Non-textual. Same as BIBL-4113. This course is normally offered in the spring semester of even numbered years.

4313 MISSIONS IN THE CONTEMPORARY WORLD
A study of the impact of various issues upon mission work as it is actually being carried out today around the world, taught by a visiting missionary. Content varies according to the particular field experience of the instructor. Non-textual. Same as BIBL-4303. This course is normally offered as needed.

4633 INTERCULTURAL COMMUNICATION I
Prerequisite: ENGL-1213.
A survey of the basic concepts of how people communicate effectively across cultural boundaries, with special attention given to the complex nature culture plays in communication. ENGL-4633 fosters in students an understanding and appreciation of their own culture and cultural patterns of communication and those of other cultures. Same as COMM-4633, ENGL-4633 and SOCI-4633. Non-textual. This course is normally offered in the spring semester of odd numbered years.

4643 INTERCULTURAL COMMUNICATION II
Prerequisite: ENGL-1213 or 2113.
A continuation of MISS-4633, typically taught while a student is living in a foreign culture. Same as ENGL-4643 and SOCI-4643. Non-textual. This course is offered as needed.

4714 MISSIONS PRACTICUM
On-site supervised ministry experience in a missions situation, either foreign or domestic, by invitation and with a faculty supervisor. The course includes readings, a journal, and a thorough evaluation by the field supervisor. Non-textual. This course is offered as needed.

4743 INTERNATIONAL CONSULTING AND DEVELOPMENT
A study and application of the international consulting process using social-entrepreneurial tools to address problems in developing nations. Topics addressed include: poverty, "when helping hurts", microfinance, access to capital, problems with aid, social entrepreneurship, fair trade, performance analysis, conscious capitalism, and service centered missions. Each student will work individually and in a team to address a specific, real-world problem or change effort currently underway in a variety of international settings. Same as COMM-4743, INTL-4743, and MGMT-4743 This course is normally offered in the spring semester.

4813 MISSIONS EXPERIENCE
Content varies. Course may be repeated. This course is offered as needed.

4900 INDEPENDENT STUDY IN MISSIONS
Assigned readings, reports or projects based on the needs of the individual student. Normally taken only by juniors or seniors with approval of the dean of the college. (2-3 hours) This course is offered as needed.

MUSIC (MUSC)

1000 RECITAL ATTENDANCE
Regular attendance at on and off campus musical performances. Required each semester for music majors. This course is normally offered every semester.

1023 FUNDAMENTALS OF MUSIC THEORY
Includes notation and drills in keys, scales, intervals, triads, and score reading, and emphasizes basic skills in sight-reading rhythm and pitch in bass and treble clefs. The course is not applicable for credit in major, but is required if the student is unable to pass minimum requirements for admission to MUSC-1112 (which follows in the music theory sequence). This course is normally offered in the fall semester.

1112 MUSIC THEORY I
Prerequisite: MUSC-1023, if student is unable to meet minimum entrance requirements. Chord connection, four-part writing, cadences, dictation and sight singing of intervals, scales and melodies, rhythms, broken chords and keyboard application. Class – 3 hours. This course is normally offered in the spring semester.

MUSIC THEORY SEQUENCE II
Prerequisite: MUSC-1112
The two courses below cover secondary diatonic chords, non-harmonic tones, dominant sevenths, simple modulation, dictation and sight singing of more difficult melodies, intervals, scales, and rhythms, cadences, etc. Concurrent enrollment in both is required except with permission of the department chair. Offered in the fall semester.

1211 EAR TRAINING II
Class – 2 hours. This course is normally offered in the fall semester.

1212 MUSIC THEORY II
Class – 2 hours. This course is normally offered in the fall semester.

1301 VOCAL ENSEMBLE
A student may register for credit in an ensemble in which he or she performs if the group is sufficiently active to justify the credit. Permission of instructor required. This course is offered as needed.

1311 UNIVERSITY CHORALE
The OC Chorale offers opportunities for experience in choral singing. A wide range of both sacred and secular choral literature is studied with numerous performances scheduled. Participation of members in all scheduled rehearsals and performances is required. Membership by audition. Rehearsal – 4 hours. This course is normally offered every semester.

1321 MUSIC PRODUCTION WORKSHOP
Prerequisite: Permission of instructor required.
Requires at least 60 hours in rehearsal and performance on stage in a faculty-directed campus musical production. This course is normally offered every semester.

1331 SYMPHONIC BAND
The OC Symphonic Band performs for campus functions, in concert and on tour. Participation of all members in scheduled rehearsals and performances is required. Membership by audition. Rehearsal – 4 hours. This course is normally offered every semester.

1341 JAZZ ENSEMBLE
Prerequisite: participation in Symphonic Band or instructor permission.
Large ensemble jazz music is the emphasis of this group. Performs for campus and civic functions in concert and on tour. Membership by audition. Rehearsal – 3 hours. This course is normally offered every semester.

1351 INSTRUMENTAL ENSEMBLE
Prerequisite: Permission of instructor required.
A student may register for credit in an ensemble in which he or she performs if the group is sufficiently active to justify the credit. This might include such groups as brass choir or OC's Sweat Band, a group performing at home basketball games in the "Eagles' Nest." This course is normally offered every semester.

1361 ORCHESTRA
Credit for orchestra is available to OC students through participation in the Oklahoma Community Orchestra, the university's official orchestra-in-residence. Permission required. Rehearsal – 2.5 hours. This course is normally offered every semester.

1381 OPERA STUDIO
Prerequisite: permission of instructor required.
Requires at least 60 hours in rehearsal and performance on stage in a faculty-directed campus opera production. Offered spring semester. This course is offered as needed.

1391 CHAMBER SINGERS
Prerequisite: participation in University Chorale or instructor permission.
The study and performance of significant choral works from all periods of musical style. Membership by audition. Rehearsal – 3 hours. This course is normally offered every semester.

1451 UNIVERSITY CHAMBER ORCHESTRA
The OC chamber orchestra studies chamber music of varied musical styles and performs concerts for university and civic programs. Sight-reading skills also are emphasized. Membership by permission. Rehearsal – 2.5 hours per week. This course is normally offered every semester.

PRIVATE INSTRUCTION

Students may register for private instruction in piano, voice or any of the instruments listed, composition or improvisation. Piano students will audition for placement in Class Piano or private instruction. Students registering for one hour credit (such as 1501) receive one half-hour lesson per week. Those registering for two hours credit (such as 1502) receive one one-hour lesson per week. There is a fee of $225 per credit hour for all private instruction classes. Some private lessons additionally require payment of accompanist fees at $20 per hour. Students should check with the private instructor to determine specific accompanist expectations.

1501, 1502 PIANO
Prerequisite: MUSC-2581 or instructor permission.
This course is normally offered every semester.

1511, 1512 VOICE
This course is normally offered every semester.

1531, 1532 BRASS INSTRUMENT
This course is normally offered every semester.

1541, 1542 WOODWIND INSTRUMENT
This course is normally offered every semester.

1551, 1552 PERCUSSION INSTRUMENT
This course is normally offered every semester.

1561, 1562 STRING INSTRUMENT
This course is normally offered every semester.

1571, 1572 GUITAR
This course is normally offered every semester.

1581 CLASS PIANO I
An introduction to piano playing for the student with little or no prior keyboard experience. Instruction will stress understanding notation of pitch and rhythm; playing with appropriate fingering, articulation and dynamics; gaining technical facility and coordination between hands; playing pieces in major and minor five-finger patterns; and playing melodies with triad accompaniments. Some selections will be memorized. Class meets 2 hours per week. This course is normally offered every semester.

1612 APPLIED COMPOSITION
Prerequisite: Permission of the music department chair.
This course is normally offered every semester. There is a fee per credit hour for this course.

1671 CLASS GUITAR
An introduction to guitar playing for the beginning student. Instruction will focus on playing fundamental chords, scales, and strumming techniques, and on the introduction of tablature, standard notation, and harmonics. Class meets 1 hour per week. (Does not fulfill the requirement for music education majors.) This course is normally offered every semester.

1681 CLASS PIANO II
Prerequisite: Grade of B or better in Class Piano I, or audition for piano faculty.
Continuation of skills presented in Class Piano I or previous keyboard experience. Students will sight read and play ensemble and solo repertoire of various styles and technical studies in major and minor keys. Basic skills emphasized include 2-octave major and minor scales; major, all types of triads in progressions, inversions, and arpeggios; harmonizing melodies, using diatonic and second chords appropriately; and using the damper pedal. Classes normally limited to eight students. Class meets 2 hours per week. This course is normally offered every semester.

1691 APPLIED IMPROVISATION
Prerequisite: Permission of the music department chair.
Private lesson in jazz improvisation with the instrument of the student's choice. This course is normally offered every semester. There is a fee per credit hour for this course.

MUSIC THEORY SEQUENCE III

The two courses below cover modulation to closely related keys, altered chords and higher discords, original melodies and harmonizations, and ear training. Concurrent enrollment in both is required except with permission of the department chair. This course is normally offered in the spring semester.

2013 MUSIC APPRECIATION
A survey course designed to furnish a basis for intelligent appreciation for music with opportunity for students to listen to recordings and to attend concerts.

2111 EAR TRAINING III
Class – 2 hours. This course is normally offered in the spring semester.

2112 MUSIC THEORY III
Class – 2 hours. This course is normally offered in the spring semester.

MUSIC THEORY SEQUENCE IV
The two courses below cover a continuation of altered chords, augmented sixths, secondary diminished sevenths, remote and enharmonic modulations, aural study of remote modulations, unusual and mixed meters, and altered chords Concurrent enrollment in both is required except with permission of the department chair. This course is normally offered in the fall semester.

2211 EAR TRAINING IV
Class – 2 hours. This course is normally offered in the fall semester.

2212 MUSIC THEORY IV
Class – 2 hours. This course is normally offered in the fall semester.

2512 DICTION I: ENGLISH AND ITALIAN
Prerequisite: For vocal majors and minors; others by permission.
A study of the International Phonetic Alphabet as it pertains to the singing of English and Italian song and opera literature. Offered spring semester odd years. This course is normally offered in the spring semester of odd numbered years.

2522 DICTION II: FRENCH AND GERMAN
Prerequisite: For vocal majors and minors; others by permission.
A study of the International Phonetic Alphabet as it pertains to the singing of German and French song and opera literature. Offered fall semester odd years. This course is normally offered in the fall semester of odd numbered years.

2581 CLASS PIANO III
Prerequisite: Grade of B or better in Class Piano II, or audition for piano faculty.
Continues functional piano skills from Class Piano II or previous keyboard experience. The primary focus is learning to play intermediate repertoire from various historical periods of music with appropriate style and fluency. Assignments provide opportunity to develop skills in sight reading, playing I-IV-I-V-I progressions in all keys and positions, playing 2-octave scales in all keys, harmonizing and transposing melodies using diatonic triads, seventh chords, and secondary chords. The final exam for Class Piano III includes the opportunity to pass the repertoire section of the Piano Proficiency Exam, which is a graduation requirement for OC music majors. Classes normally limited to eight students. Class meets 2 hours per week. This course is normally offered in the fall semester.

2681 CLASS PIANO IV
Prerequisite: Grade of B or better in Class Piano III, or audition for piano faculty.
This is the capstone course in the pursuit of functional piano skills for music majors. Assignments continue to develop technical skill in playing scales, chord progressions, modulations, and ensemble repertoire. Emphasis is placed on harmonizing and improvising accompaniments in various styles, score reading, and accompanying instrumentalists and vocalists fluently. The final exam includes the sight reading, accompanying, and functional skills sections of the Piano Proficiency Exam, which is a graduation requirement for all music majors. Students must continue to enroll in piano until the exam is passed with a score of 85% or better. Classes normally limited to eight students. Class meets 2 hours per week. This course is normally offered in the spring semester.

3000 JUNIOR RECITAL
Prerequisite: To enroll, students must have achieved a satisfactory level of performance skill as specified in published departmental materials.
Solo recital performance on major instrument in the student's junior year. This course is offered as needed.

3121 CLASS WOODWINDS
A practical study of woodwind instruments of the band with emphasis on embouchure development, articulation techniques and general pedagogical principles. This course is normally offered in the spring semester of even numbered years.

3131 CLASS BRASS
A practical study of the brass instruments of the band with emphasis on embouchure development, articulation techniques and general pedagogical principles. This course is normally offered in the fall semester of odd numbered years.

3141 CLASS PERCUSSION
A practical study of the percussion instruments of the band including an introduction to rudiments and basic playing technique plus an overview of all the instruments of the section. This course is normally offered fall semester even years. This course normally offered in the spring semester of odd numbered years.

3151 CLASS STRINGS
A practical study of the string instruments of the orchestra with emphasis on bowing techniques, articulation, performance and general pedagogical principles. Offered fall semester odd years. This course is normally offered in the fall semester of even numbered years.

3213 PERSPECTIVES IN WORLD MUSIC
The goal of this course is to enable the student to become an active listener and observer of music from many different cultures. Particular emphasis will placed on understanding how non-Western music traditions compare with and contrast to Western music traditions. It is the intention of this course to expand the student's awareness of the power of music, both as a human expression and a reflection of culture. The student will identify shaping trends and influences, the hybridization of multiple music cultures, and will examine the concept of "globalization" as it might apply to music. In order to accomplish course goals, students will learn how to listen to music in an active and conscious way. This will require the identification and analysis of the elements of music at work in each musical example we listen to (these include melody, rhythm, harmony, form, and timbre.) This course is normally offered every semester and In the summer.

Note: MUSC-2211 and MUSC-2212 must be completed before attempting the following courses unless approval is received from the department chair.

3323 MUSIC HISTORY I: ANCIENT MUSIC THROUGH THE RENAISSANCE
Prerequisite: For music majors; others by permission.
An introduction to ancient non-Western music and to music from the beginnings of Western civilization through the Renaissance period. The course begins with a brief overview of Western and non-Western music through all time periods, along with a primer for strengthening listening skills. The course features style analysis—visual and aural—of representative compositions and analysis of the relationship of music to socio-cultural background. This course is normally offered every third semester.

3333 MUSIC HISTORY II: BAROQUE AND CLASSICAL MUSIC
Prerequisite: For music majors; others by permission.
Continuation of MUSC 3323. An overview of Western (and selected non-Western) music from the early Baroque through the Classical era (approximately 1600-1820). The course features style analysis—visual and aural—of representative compositions and analysis of the relationship of music to socio-cultural background. This course is normally offered every third semester.

3343 MUSIC HISTORY III: ROMANTIC AND CONTEMPORARY MUSIC
Prerequisite: For music majors; others by permission.
Continuation of MUSC 3333. An overview of Western (and selected non-Western) music from the early Romantic period (approximately 1820) up to the present day. The course features style analysis—visual and aural—of representative compositions and analysis of the relationship of music to socio-cultural background. This course is normally offered every third semester.

3343 LEADING MUSIC IN WORSHIP
This course prepares the student to lead singing in worship. The curriculum includes the fundamentals of song leading with a focus on the permeation of scripture in song. The course will investigate Biblical references about music, study application of theology in music, and gather songs and hymns to support various scriptures and themes for worship.
The course is normally offered spring of odd numbered years.

3412 ORCHESTRATION
A practical study of the technical scope of orchestral and band instruments, providing introductory performance experience in instrumental families. Students will complete transcription exercises for each instrument family and a major transcription project for large instrumental ensemble. Fluency with computer programs is expected. Offered spring semester even years. This course is normally offered in the spring semester of even numbered years.

3513 MUSIC EDUCATION TECHNOLOGY
Prerequisite: For music majors; others by permission.
This course addresses the appropriate use and adaptation of technology in the classroom for music educators. Students develop competencies in the operation and effective utilization of equipment, electronic hardware, and materials commonly used by music educators. It is the goal of this course that each student, upon successful completion, will have a working knowledge of MIDI, notation technology, computer software, internet web page construction, and the ability to understand and use equipment while relying on owner's manuals for specifics regarding particular controllers or programs. This course is normally offered in the fall semester.

3452 VOCAL PEDAGOGY
Prerequisite: For vocal majors and minors with junior or senior standing; others by permission.
A course for those wanting to teach voice at the private level and those who will teach group vocal technique as choral directors. Emphasis is given to the science of vocal production: phonation, respiration, and resonance. This course is normally offered in the spring semester of even numbered years.

3462 PIANO PEDAGOGY I
Topics will include the philosophy and benefits of piano instruction, discussion of teaching styles and learning styles, methods and materials for teaching early level students, the business aspects of the independent studio, developing piano technique, and preparing students for contests and recitals. The student will plan and teach segments of group lessons and individual lessons with pre-college students. Lecture – 2 hours; Laboratory – 1 hour. Offered fall semester even years. This course is normally offered in the spring semester of even numbered years.

3561 PIANO PEDAGOGY II
A survey of additional methods and literature for the elementary and intermediate levels of piano instruction. Observations of student contests and performances are required. This course is offered as needed.

4001 SENIOR RECITAL
Solo recital performance in major performance area. To enroll, students must have achieved a satisfactory level of performance skill as specified in published departmental materials. This course is normally offered every semester.

4011 SENIOR PROJECT
Senior music majors may submit to the music faculty a proposal for a capstone project that will focus on performance, research, composition, and/or teaching. Additional guidelines are published in the Music Department Handbook. This course is normally offered every semester.

4212 CHORAL CONDUCTING I
Basic conducting skills, beat patterns, cueing and vocal score preparation, interpretation, nonverbal communication and rehearsal techniques. Includes choral conducting experience. This course is normally offered in the spring semester of even numbered years.

4222 CHORAL CONDUCTING II
Emphasis on rehearsal techniques, group dynamics and discipline, etc., involving conducting labs with music students as performers. An introduction to Renaissance, Baroque, Classical, Romantic, and Twentieth Century performance practice. This course is normally offered in the fall semester of even numbered years.

4312 INSTRUMENTAL CONDUCTING I
Basic conducting skills, beat patterns, cueing and instrumental score preparation, interpretation, nonverbal communication, and rehearsal techniques. Includes instrumental conducting experience with classmates as performers. This course is normally offered in the spring semester of even numbered years.

4322 INSTRUMENTAL CONDUCTING II
Emphasis on score study, rehearsal techniques, group dynamics, etc., involving conducting labs with music students as performers. This course is normally offered in the spring semester of odd numbered years.

4411 PIANO LITERATURE
A survey course to cover standard keyboard repertoire from 1700 to the present. This music elective may be taken as an independent study or in a class if enrollment is sufficient. Considerable emphasis will be on listening to piano music from the different periods of music history and discussing stylistic characteristics. This course is offered as needed.

4900 INDEPENDENT STUDY IN MUSIC
Arranging, composition, sixteenth-century counterpoint or other study. Music majors only, or by approval of the department chair. Three hours total applicable toward graduation. (1-3 hours) This course is offered as needed.

NURSING (NURS)

1011 INTRODUCTION TO NURSING
An introductory nursing course designed to acquaint the student with a historical nursing perspective from the beginnings of the profession to current professional developments. Students will be introduced to nursing trends and changing national and global health care delivery methods. Lecture - 1 hour. This course is normally offered in the fall semester.

2003 HEALTH ASSESSMENT
Pre-requisites: BIOL-2013
Corequisite: BIOL-2523.
Course focuses on the nursing process and how clinical diagnosis is performed. Students will learn to assess the client's physical, psychological, social, and spiritual dimensions as a foundation to nursing care. The skills of interviewing, documentation, inspection, percussion, palpation, and auscultation are refined to make clinical judgments and promote health/client outcomes. Lecture – 2 hours; Clinical – 1 hour. This course is normally offered in the fall semester.

2013 FUNDAMENTALS OF NURSING
Pre-requisites: BIOL-2013, CHEM-1104, BIOL-2523, NURS-2003
Co-requisite: BIOL-2623.
An introductory course emphasizing nursing skills and nursing process. Nursing theory and concepts related to the human response to illness will be explored. Emphasis is placed on the development and integration of therapeutic communication skills, nurse/client relationships, developmental needs, cultural diversity and legal/ethical issues. Lecture – 2 hours, Clinical – 1 hours. This course is normally offered in the spring semester.

2033 PHARMACOLOGY
Pre-requisites: BIOL-2013, BIOL-2523 and CHEM-1104
Co-requisite: BIOL-2623.
Course is designed as an introduction to pharmacological principles, drug classifications, and expected therapeutic outcomes associated with drug therapy. Nursing process and drug therapy are discussed in relation to clients' developmental levels and health habits across their lifespan. Lecture – 3 hours. This course is normally offered in the spring semester.

3013 PATHOPHYSIOLOGY
Pre-requisites: Admission to the nursing program
A course studying the alterations in physiological well-being across the lifespan as pathological responses to disease, stress, genetics and environmental changes occur within the body. Critical thinking, research findings, and scientific knowledge are applied to analyze individual outcomes throughout the course. Lecture – 3 hours. This course is normally offered in the fall semester.

3014 MENTAL HEALTH NURSING
Pre-requisites: Admission to the nursing program
A course introducing the student to basic mental health nursing content as applied to individuals, families, and community groups. Through the application of the nursing process, students learn to provide complex therapeutic nursing interventions for a variety mental health disorders. Continued development of communication skills, professionalism, teaching/learning principles, ethical/legal, and economic issues are incorporated throughout the course. Lecture – 2 hours; Clinical – 2 hours. This course is normally offered in the fall semester.

3015 ADULT NURSING I
Pre-requisites: Admission to the nursing program.
A course focusing on medical-surgical nursing care of culturally diverse adult patients across the life span who are experiencing chronic health problems and end-of-life issues. The concept of caring is emphasized with a focus on individuality and cultural diversity. Implementation of the nursing process in a health care setting will focus on using basic teaching-learning principles for practice. Lecture - 3 hours; Clinical – 2 hours. This course is normally offered in the fall.

3024 MATERNAL-INFANT HEALTH NURSING
Pre-requisites: NURS-3013, NURS-3014 and NURS-3015.
A course focusing on concepts and implementation of professional nursing care for women in their childbearing years, newborns, and their families with emphasis on pregnancy, childbirth and postpartum period. This course encompasses knowledge of growth and development, cultural diversity, and assessment techniques for pregnant women and newborns. Lecture 2 hours; Clinical – 2 hours. This course is normally offered in the spring semester.

3025 ADULT NURSING II
A course which builds upon the medical-surgical concepts learned in Adult I, focusing on adult patients experiencing common acute and chronic health problems across the lifespan. The effects of families and community groups are to be examined. Through application of the nursing process, students learn to provide complex therapeutic nursing interventions while using critical thinking skills. Lecture – 3 hours; Clinical – 2 hours. This course is normally offered in the spring semester.

3034 HEALTH CARE MISSIONS AND CHRISTIAN SERVICE
Pre-requisites: NURS-3013, NURS-3014 and NURS-3015.
A course designed to focus on Christian concepts and principles as applied to global health service. Participation in health care delivery system of selected communities or countries is an integral component. Lecture – 2 hours; Clinical – 2 hour. This course is normally offered in the spring semester with clinical hours being completed in the first 3 weeks of May.

4005 COMMUNITY HEALTH NURSING
Pre-requisites: Senior standing in nursing.
A course focusing on organization and delivery of nursing care to individuals, families and groups in a variety of community health care settings. Emphasis is placed on prevention of disease, health promotion, and control of communicable disease within the community. Lecture – 3 hours; clinical 2 hours. This course is normally offered in the spring semester.

4011 CAPSTONE IN NURSING
Pre-requisites: NURS-4005, NURS-4015, and NURS-4022.
A synthesis course within the nursing program preparing the student for licensure. Students develop an outcome report of their learning experiences which combine theory content and computer technology. National achievement exams will be an integral component of this course in preparation and review for NCLEX. Lecture – 1 hour. This course is normally offered in the spring semester.

4015 CHILD AND FAMILY HEALTH NURSING
Pre-requisites: Senior standing in nursing and MATH-2913 and PSYC-3523.
A course focusing on concepts of professional nursing care and implementation of the nursing process with pediatrics and their families. Emphasis of developmental variances, cultural diversity, family dynamics, and pathophysiology of childhood diseases are incorporated throughout the course. Lecture – 3 hours, clinical – 2 hours. This course is normally offered in the fall semester.

4022 ISSUES AND TRENDS IN NURSING
Pre-requisites: Senior standing in nursing.
A theory course which addresses moral, ethical and legal issues within the nursing profession. The student's transition into professional nursing practice will be addressed, including career planning and the student's professional role for future practice. Lecture – 2 hours. This course is normally offered in the fall semester.

4024 LEADERSHIP AND MANAGEMENT IN NURSING
Pre-requisites: NURS-4005, NUR- 4015, and NURS-4022.
An introduction to the concepts of leadership and management principles related to nursing practice for preparation for role transition from student to graduate. This course includes a concentrated senior precepted clinical experience (90 hours) in a selected practice area. Lecture – 2 hours; Clinical – 2 hours. This course is normally offered in the spring semester.

4025 ADULT NURSING III
Pre-requisites: NURS-4005, NURS-4015, and NURS-4022.
A course focusing on nursing care of adult patients across the lifespan in the critical care setting who are experiencing complex, multi-system health problems and life-threatening illness or injuries. Emphasis is placed on interdisciplinary collaboration and on psychological, cultural, social, economic, and spiritual concerns of patients and their families. Advanced technology, assessment skills, and collaborative practices are explored. Lecture – 3 hours; Clinical – 2 hours. This course is normally offered in the spring semester.

4033 NURSING RESEARCH
Pre-requisites: NURS-4005, NURS-4015, NURS-4022, and MATH-2913.
An introduction to the research process and its application to nursing practice. Emphasis on the role of the professional nurse in critiquing and use of nursing research. Critical thinking skills and the research process are applied to the development of a group research project. Lecture 3 hours. This course is normally offered in the spring semester.

PHILOSOPHY (PHIL)

4113 SENIOR PHILOSOPHY SEMINAR
Prerequisite: Must be a senior to take this course.
A seminar designed to help students integrate the different courses of the core curriculum into a unified worldview which prepares them for continuing their studies and their education throughout their lifetime. The course will encourage a Christian worldview and will explore the issues of faith, knowledge, morality, and ethics in a personal philosophy of life. This course is normally offered every semester and in the summer and is required for 1999-2012 core.

PHYSICAL EDUCATION (PHED)

1301-1391 INTERCOLLEGIATE SPORTS
Instruction, practice and participation in the intercollegiate sports sponsored by the university. These are activity courses.

1113 INTRODUCTION TO SPORT, WELLNESS, AND RECREATION MANAGEMENT
This course ntroduces prospective majors to all phases of the field. This course is normally offered in the fall semester.

2312 FIRST AID
A study in the immediate care of persons involved in various types of emergencies. This course is normally offered in the spring semester.

2412 CARE AND PREVENTION OF ATHLETIC INJURIES
A course designed for students planning to coach varsity sports. Topics include common injuries and types of treatment for which each coach must be prepared. Laboratory work is required. This course is normally offered in the fall semester.

2511 PHYSICAL FITNESS AND WELLNESS
Planning and participation in effective lifetime fitness programs, including activity participation. This is an activity course.

2512 WELLNESS CONCEPTS
This course is designed to promote lifetime fitness and wellness. This course is normally offered in the spring semester.

2612 SPORTS OFFICIATING
Instruction and practical experience in officiating various sports, including basketball, baseball, softball, volleyball, and football. This course Is normally offered in the fall semester.

2702 SPORTS LAB I
Instruction and practice in the activities of golf, soccer, and football. This course is normally offered in the fall semester. This is an activity course.

2712 SPORTS LAB II
Instruction and practice in the activities of badminton, volleyball, and tennis. This course is normally offered in the spring semester. This is an activity course.

2722 SPORTS LAB III
Instruction and practice in the activities of basketball, softball, and weight training. This course is normally offered in the fall semester. This is an activity course.

3113 KINESIOLOGY
Involves the study of human movement. Many forms of movement are analyzed and correlated with scientific principles of coaching various activities. This course is normally offered in the spring semester.

3232 THEORY OF COACHING BASKETBALL
The study of coaching principles in basketball. Practical applications such as hiring officials, pre-game situations and personnel problems are studied. This course is normally offered in the fall semester.

3242 THEORY OF COACHING VOLLEYBALL
The study of coaching principles in volleyball. Techniques in proper officiating as well as rules are discussed. This course is normally offered in the fall semester.

3252 THEORY OF COACHING BASEBALL AND SOFTBALL
The study of coaching principles baseball and softball. Pre-season and in-season drills are studied. This course is normally offered in the spring semester.

3262 THEORY OF COACHING TRACK AND FIELD
The study of coaching principles in track and field events. Practical study involving the organization and administration of track meets is included. This course is normally offered in the spring semester.

3272 THEORY OF COACHING TENNIS & GOLF
The study of coaching principles in tennis and golf. A practical study in blending individuals into a team and the techniques of each sport. This course Is normally offered in the fall semester.

3282 THEORY OF COACHING SOCCER
The study of coaching principles in soccer. Offensive and defensive fundamentals will be studied. This course Is normally offered in the spring semester.

3293 COACHING ETHICS AND SPORTS PSYCHOLOGY
The study of current trends in coaching ethics and sport psychology. Best practices in each of these topics will be studied. This course Is normally offered in the spring.

4411 TEACHING THE DISABLED CHILD
This class allows students to work with physically and mentally disabled students. All work is done within a lab setting involving physical education and recreation skills. This course is normally offered every semester. This is an activity course.

4113 ORGANIZATION OF SPORT WELLNESS AND RECREATION MANAGEMENT
A study of the organization and administration of physical education and athletic programs in the public schools. This course is normally offered in the fall semester.

4123 RECREATION LEADERSHIP AND YOUTH SPORTS
A study of leadership qualities needed in the organization and administration of various types of recreational programs. This course is normally offered in the spring semester.

4323 PHYSIOLOGY OF SPORT AND EXERCISE
The study of scienctific principles of coaching athletes and teaching physical education classes. This course is normally offered in the fall semester.

4513 RECREATIONAL ACTIVITIES FOR THE DISABLED
A study consisting of practical experiences in working with the disabled in movement and recreational activities on the OC campus. This course is normally offered in the fall.

4613 CAPSTONE SKILLS
This course gives the senior Sports Wellness and Recreation Management major a 42-hour practicum in the field. This course is normally offered every semester.

PHYSICS (PHYS)

1114 COLLEGE PHYSICS I
Prerequisite: MATH-1213 with a grade of "C" or better.
A study of classical and Newtonian mechanics, including kinematics, forces, energy and momentum conservation, rotation and equilibrium, as well as fluids, vibrations, wave motion and thermodynamics. Lecture - 3 hours; Laboratory - 3 hours. This course is normally offered fall semester.

1214 COLLEGE PHYSICS II
Prerequisite: PHYS-1114 with a grade of "C" or better.
Continuation of PHYS-1114, studying electricity and magnetism, light and optics, special relativity, and atomic and nuclear physics. Lecture - 3 hours; Laboratory - 3 hours. This course is normally offered spring semester.

2514 PHYSICS I
Prerequisite: MATH-2114 with a grade of "C" or better.
A calculus-level treatment of classical mechanics; i.e., motion, force, work, energy, gravity, rotation, torque, elasticity, equilibrium, and thermodynamics. Lecture - 3 hours; Laboratory - 3 hours. This course is normally offered every semester.

2614 PHYSICS II
Prerequisites: PHYS-2514 and MATH-2214 with a grade of "C" or better.
A continuation of PHYS 2514, providing a calculus-level treatment of electricity, magnetism, alternating current, light and optics. Lecture - 3 hours; Laboratory - 3 hours. This course is normally offered every semester.

3313 MODERN PHYSICS
Pre-requisite: PHYS 2614 with grade of "C" or better. A study of special relativity, origins of quantum theory, Schroedinger equation, and applications to physical systems such as electrons, atoms, and molecules. Lecture – 3 hours. This course is normally offered in the spring semester of odd numbered years. This course Is normally offered in the spring semester of even numbered years.

4900 INDEPENDENT STUDY IN PHYSICS
Assigned research, readings and reports based on the needs of the individual student. May be taken only with the permission of the instructor and the departmental chair. This course Is offered as needed.

POLITICAL SCIENCE (POLS)

2113 INTRODUCTION TO AMERICAN POLITICS
A survey of the rules (the Constitution), institutions (the Presidency, Congress, the courts, and the bureaucracy), participants (voters, parties, interest groups, and the media) and products (social, economic, and foreign policy) of democratic politics in the United States. This course is normally offered in every semester.

2213 INTRODUCTION TO GLOBAL POLITICS
A survey of why countries cooperate in maintaining national security and economic prosperity in a global economy, and how conflicts between countries threaten that security and prosperity. Students participate in several decision-making simulations that demonstrate the challenge of maintaining peace and security. This course is normally offered in the spring semester of even-numbered years.

2313 RESEARCH SKILLS IN POLITICAL SCIENCE
Prerequisite: POLS-2113 or POLS-2213.
A survey of several methods of conducting original research projects, which may include survey research, experiments, content analysis, statistical analysis, and case studies. Students learn to identify research questions, to formulate strategies for answering them, to conduct the research, and to write up the results. This course is normally offered in the spring semester of even-numbered years.

2413 COMPARATIVE POLITICS
A survey of the major political systems, levels of government and inter-governmental relations, mass political behavior, and theoretical power relationships inside various regimes. It will involve an analysis of comparative political concepts with an emphasis on industrialized countries, not including the U.S. This course is normally offered in the spring semester of odd-numbered years.

2513 DATA ANALYSIS
Prerequisite: POLS-2113 or POLS-2213.
Survey of methods and approaches to the study of politics and their underlying assumptions as they apply to the major concepts of the discipline. An introduction to political data sources, their strengths and weaknesses and uses in research. The course is normally offered in the spring semester of odd numbered years

3113 HISTORY OF WESTERN POLITICAL THOUGHT
Prerequisite: POLS-2113 or POLS-2213.
The course of political thought in the West from Plato and Aristotle to Dewey, Freud and Russell. This course is normally offered in the fall semester of odd-numbered years.

3213 AMERICAN POLITICAL THOUGHT
Prerequisite: POLS-2113 or POLS-2213.
History of American political ideas as shown by our American political institutions, legislation and constitutional forms, and the writings of American statesmen, political leaders, and philosophers. This course is normally offered in the fall semester of even-numbered years.

3313 LEGAL AND LEGISLATIVE ANALYSIS
Prerequisites: Sophomore standing and POLS-2113.
A workshop format teaching the analysis of statutory and case law in the United States. Workshop topics include briefing cases, researching cases and statutes, writing legal memos, writing legal outlines, and taking hypothetical case exams. Developing these skills is excellent preparation for law school. This course is normally offered in the spring semester of even-numbered years.

3413 THE PRESIDENCY AND CONGRESS
Prerequisite: POLS-2113.
A survey of the internal operation of the two major branches of the national government, especially in the context of foreign policy and making the national budget. A second major issue is the impact of partisanship on presidential-congressional relations and public policy. This course is normally offered in the spring semester of even-numbered years.

3513 INTERNATIONAL POLITICAL ECONOMY
Prerequisite: POLS-2213.
A survey of the organizations and the institutions that govern international trade and finance, controversies involving free trade, tensions between developed and developing countries, and the linkages between global capitalism and war. This course is normally offered in the fall semester of even-numbered years.

3613 POLITICAL PARTIES AND INTEREST GROUPS
Prerequisite: POLS-2113.
An examination of the role of political parties and interest groups as intermediary organizations that connect the public to policy makers. The first part of the course focuses upon political parties and elections, and the second part of the course examines lobbying, political action committees (PAC's), and the problem of political corruption. This course is normally offered in the fall semester of odd-numbered years.

3713 STATE AND LOCAL POLITICS
Prerequisite: POLS-2113.
A survey of the local politics and policies that most people directly encounter in daily life. Students learn the basic institutional structures and municipal governments in the United States and explore local controversies involving education, land use, and economic development. Students implement different theories of local government in a computer simulation. This course is normally offered in the fall semester of even-numbered years.

3813 CONTEMPORARY POLITICAL IDEOLOGIES
This course is a study of the political patterns of today's world, explaining the instruments, functions, and theories intertwined in modern ideologies. Emphasis will be placed on the predominant theories of democracy, communism and the aspects of an authoritarian regime. This course is normally offered in the fall semester of even-numbered years.

4113 CONSTITUTIONAL LAW
Prerequisite: POLS-1213 or POLS-2113.
A study of current public law and constitutional law court cases which acquaint the student with official interpretation of the Constitution and the lawmaking and judicial role of the Supreme Court. This course is normally offered in the spring semester of odd-numbered years.

4213 THEORIES AND ETHICS IN INTERNATIONAL RELATIONS
This course will examine three major themes relevant to ethics and international affairs: the discussion of contemporary theories regarding the nature of the international system, the problem of morality in the anarchical international system, and the ethical dimension of contemporary issues. This course is normally offered in the fall semester of odd-numbered years.

4413 INTERNATIONAL CONFLICT
Prerequisite: POLS-2113 or POLS-2213
An examination of the causes of conflict, the ethics of conflict, conflict management, and conflict resolution. The first section of the course will discuss the causes and ethics of violence while concentrating on riots, terrorism, revolution, and other expressions of conflict. The second section of the course will examine interstate conflict, including war. The course readings are interdisciplinary and include some sociology, psychology, anthropology, and history. This course is normally offered in the spring semester of odd-numbered years.

4713 POLITICAL RESEARCH SEMINAR
A capstone seminar giving political science majors the opportunity to further develop their research skills by delving into the world of political data analysis. Students will work closely with faculty to create, develop and produce a significant research project in preparation for graduate school. This course is offered in the fall semester of even numbered years.

4813 SELECTED TOPICS IN POLITICAL SCIENCE
The contents of this course vary based on the needs of students and the current central issues in political science. Course may be repeated. This course is offered as needed.

4900 INDEPENDENT STUDY IN POLITICAL SCIENCE
Provides mature students an opportunity for individual research and guided readings. (1-3 hours) This course is offered as needed.

PSYCHOLOGY (PSYC)

1113 GENERAL PSYCHOLOGY I
An introduction to the fundamental aspects of modern scientific psychology. Included in the study are the history of psychology, methods used in the field, learning theory, motivation, emotion, and mental disorders. The student is stimulated to apply psychological principles to life situations. This course is normally offered every semester.

1211 INTRODUCTORY SEMINAR IN PSYCHOLOGY
A course which introduces the psychology major to the field of psychology as a career. Major emphasis is placed on preparation for graduate school, taking the Graduate Record Exam (GRE) and the different career options within the field of psychology. Guest speakers are utilized. This course is normally offered in the spring semester.

2223 GENERAL PSYCHOLOGY II
Prerequisite: PSYC-1113.
Second introductory class for the field of psychology. This course is primarily for majors or minors in psychology and includes units on social psychology, human learning, remembering and forgetting, testing, the brain and psychological therapy. The course completes the student's preparation for upper level psychology courses. This course is normally offered in the spring semester.

2413 INTRODUCTORY PSYCHOLOGICAL STATISTICS
Elementary statistics with social and behavioral applications. Same as SOCI-2413. This course is normally offered in the fall semester.

3213 ADVANCED PSYCHOLOGICAL STATISTICS
Prerequisite: PSYC-2413.
An intermediate course exploring the application of more advanced statistical methods used in research in psychology and related fields. Emphasis will be placed on the major concepts of the methods and on the practical application of these statistics. Specific topics covered are factorial analyses of variance, including repeated measures design and post hoc analyses, linear and multiple regression, analysis of covariance and non-parametric statistics including chi-square and log linear analyses. This course is normally offered in the spring semester.

3313 ABNORMAL PSYCHOLOGY
Prerequisite: PSYC-1113.
A study of the definition, diagnosis and treatment of abnormal behavior. This course is normally offered in the spring semester.

3413 SOCIAL PSYCHOLOGY
Prerequisite: PSYC-1113.
A study of behavioral consequences of group and individual interaction. Same as SOCI-3413. This course is normally offered in the fall semester of odd numbered years.

3523 DEVELOPMENTAL PSYCHOLOGY
Prerequisites: PSYC-1113.
The physical, mental and social development of the normal individual from conception through adolescence. This course is normally offered every semester and summer. This course is normally offered every semester.

3524 DEVELOPMENTAL PSYCHOLOGY: A LIFESPAN APPROACH
Prerequisite: PSYC-1113 and admission to teacher education or special approval.
The physical, mental, and social development of the normal individual from conception through death and dying. This course is normally offered every semester.

3613 ADOLESCENCE AND EARLY ADULTHOOD
Prerequisite: PSYC-1113.
A study of the developmental process of adolescence and early adulthood. It will focus on biological, cognitive, and socio-emotional issues as they pertain to the ongoing changes in this time of the life cycle. Attention will be given to issues of gender, culture, family relationships, peer relationships, sexuality, and education. Special attention will also be given to issues that young adults face as they venture into collegiate life, career exploration and new family roles. Same as FMST-3613. This course is normally offered in the fall semester of odd numbered years.

3713 PERSONALITY
Prerequisite: PSYC-1113.
Structure and dynamics of personality development. This course is normally offered in the fall semester of even numbered years.

3723 ADULT DEVELOPMENT AND AGING
A study to include physical and health factors in aging; psychological aspects of aging; marriage, family and community relationships of older persons; economic and vocational factors in aging; perspectives on death, dying and grief; aging and institutional care; aging and the law; and the future of social intervention, both public and private. Same as FMST-3723 and SOCI-3723. This course is normally offered spring semester.

3813 THEORIES OF COUNSELING AND PSYCHOTHERAPY
Prerequisite: PSYC-1113.
An introduction to the major theories of counseling and psychotherapy. Focus will be placed on understanding the theories of Freud, Adler, Jung, Rogers, Perls, Ellis and Glasser, and on appreciating the complexity of helping others in a counseling relationship. This course is normally offered in the fall semester of even numbered years.

3913 PSYCHOLOGY OF CRIME
Prerequisite: PSYC-1113.
Psychological aspects of criminal and anti-social behavior, including comparison of psychological and legal factors in criminal investigation and testimony. Same as SOCI-3523. This course is normally offered in the spring semester of odd numbered years.

3933 CYBERNETICS AND SYSTEMS THEORY
Prerequisite: PSYC-1113.
An introduction to the major underlying theoretical foundations of family therapy. The course will explore the historical development of systems theory and cybernetics from its origins in the 1940s in the thinking of mathematicians, physicists, biologists and engineers to the pioneering work of Bateson and his colleagues in the late '50s and their application of cybernetics to the family. The course will cover the work of Murray Bowen. The basic concepts of systems theory will be discussed and contrasted with the more common Western, analytical approach that has dominated thinking in psychology since the time of Freud. Same as FMST-3933. This course is normally offered in the fall semester.

4113 MOTIVATION AND EMOTION
Prerequisites: PSYC-2223 and PSYC-3013.
Theoretical analysis of purposive behavior drives and motives as well as biological and social origins. This course is normally offered in the spring semester of even numbered years.

4213 PSYCHOLOGY OF LEARNING
Prerequisite: PSYC-1113.
The study of experimental psychology in the learning situation. This course is normally offered in the spring semester of odd numbered years.

4313 ORGANIZATIONAL BEHAVIOR
Prerequisite: PSYC-1113.
Psychology of employee selection, training, proficiency evaluation, motivation, morale, and reaction to working conditions. Same as MGMT-4313 and SOCI-4313. This course is normally offered in the spring semester.

4323 INTRODUCTION TO MARITAL AND FAMILY THERAPY
Prerequisite: PSYC-1113.
An introduction to the field of marital and family therapy. It will present the history of systems therapy, including the importance of systems theory to the continuing development of the discipline. Special emphasis will be placed on the current status of marital and family therapy including the importance of constructivist theories. The course will also present the major theories of marital and family therapy that have defined the field for the last 40 years. This will be a systemic, experiential, discussion-based class that will require active participation from each student. Same as FMST-4323. This course is normally offered in the spring semester of even numbered years.

4413 BIOLOGICAL PSYCHOLOGY
Prerequisite: PSYC-1113.
A study of the nervous system and other physiological correlates of behavior. This course is normally offered in the fall semester of odd numbered years.

4423 DRUGS AND PSYCHOPHARMACOLOGY
Prerequisite: PSYC-1113.
An advanced course in biological psychology, focusing on the effects of drugs on the human nervous system. It will explore drugs of abuse, emphasizing how these drugs work in the brain to produce their behavioral effects. Special attention will be given to the topic of addiction. The course will also focus on psychopharmacology, specifically the treatment of mental health disorders via the prescribing of psychoactive agents. The course will focus on the treatment of anxiety disorders, mood disorders and psychotic disorders through medication. Attention will be given to how these drugs work in the brain. This course is normally offered in the fall semester of even numbered years.

4613 INTRODUCTION TO PSYCHOLOGICAL TESTING
Prerequisite: PSYC-2413.
An overview of the theory and content of evaluation instruments commonly used in fields of psychology to assess achievement, intelligence, special aptitudes and personality. General principles of construction, validation, administration, scoring, and interpretation are covered along with brief descriptive overviews of widely used instruments. This course is normally offered in the spring semester of odd numbered years.

4623 EXPERIMENTAL PSYCHOLOGY
Prerequisite: PSYC-2413.
Planning, executing, analyzing data, and writing up results of psychological research projects. Methods and problems encountered are explored. This course is normally offered in the fall semester.

4653 RESEARCH SEMINAR
Prerequisite: PSYC-4623.
The capstone course in the psychology program and a follow-up to Experimental Psychology (PSYC-4623). Students will learn SPSS – the Statistical Package for the Social Sciences – and complete their own individual research project and paper, including the collection and analysis of data. The final goal will be making a presentation of their findings to the appropriate student convention. Much of the class will consist of individual instruction and laboratory work. Same as FMST-4653. This course is normally offered in the spring semester.

4713 HISTORY AND SYSTEMS IN PSYCHOLOGY
Prerequisite: PSYC-1113.
A comprehensive study of the history of psychological thought beginning with philosophical foundations and continuing to the present. The course focuses on major contributions and systems with which they are associated. This course is normally offered in the spring semester.

4733 PROFESSIONAL, ETHICAL AND LEGAL ISSUES
Prerequisite: Senior standing.
A study of the contemporary ethical considerations, legal standards and professional issues that influence the work of psychologists, counselors and other mental health officials. Specific attention will be given to the Ethical Standards of the APA, ACA and AAMFT, as well as Oklahoma State Law governing the behavior of researchers and psychotherapists. The course will focus on specific ethical dilemmas throughout the class, including, among others, confidentiality, dual relationships, professional relationships, assessment and research. Same as FMST-4733. This course is normally offered in the fall semester of odd numbered years.

4810 PSYCHOLOGY SEMINAR
Prerequisite: PSYC-1113.
Content varies. Course may be repeated. (1-4 hours, depending on course content.)

4820 PRACTICUM IN PSYCHOLOGY I
A course designed to give advanced psychology students "hands on" experience in the field of psychology of interest to them. Students complete 60 hours of supervised volunteer work at a field site and meet one hour a week with a supervising instructor and other practicum students. Class time focuses on student experiences in a group discussion format. Possible practicum sites include schools and community social service agencies, along with opportunities for research. Enrollment by permission only. (1-3 hours) This course is normally offered in the spring semester.

4830 PRACTICUM IN PSYCHOLOGY II
Requirements are the same as Practicum I. Students have the option of continuing in the same practicum setting or switching to another site. (1-3 hours) This course is normally offered in the spring semester.

4900 INDEPENDENT STUDY IN PSYCHOLOGY
Assigned research, readings and reports based on the needs of the individual student. May be taken only by junior or senior psychology majors or minors with approval of the departmental chair. (1-3 hours) This course is normally offered in the spring semester.

SOCIOLOGY (SOCI)

1113 PERSPECTIVES IN SOCIOLOGY
A survey of the following areas: society and culture, personality, social processes, human collectivities, population and communities, social institutions, and social change. This course is normally offered in the fall semester of even numbered years.

2413 SOCIAL STATISTICS
Elementary statistics with social and behavioral applications. Same as PSYC-2413. This course is normally offered in the fall semester.

2423 PARENT-CHILD RELATIONS
Opportunities, responsibilities and problems faced by parents in guiding the development of children, emphasizing recent research in the area of parent-child relationships. Same as FMST-2423. This course is normally offered in the spring semester.

3143 INTRODUCTION TO ASIAN CIVILIZATIONS
Prerequisite: Junior standing
Introduces the major cultural themes of East, Southeast, and South Asia. Students will learn about the geographical, social, political, economic, cultural and religious features of the four major regions of Asia. Fulfills the core curriculum non-Western Civilization requirement. Same as MISS-3143. This course is offered as needed.

3413 SOCIAL PSYCHOLOGY
Prerequisite: PSYC-1113.
Motivation and personality in social context. Same as PSYC-3413. This course is normally offered in the fall semester of odd numbered years.

3513 WORLD RELIGIONS
Prerequisite: Junior standing
A comparative study of the beliefs and practices, as well as the historical and sociological impact, of several of the world's principal religious traditions. These include indigenous traditions, Judaism, Islam, Hinduism, Buddhism, Taoism, Confucianism, and Shinto. Fulfills the core curriculum non-Western civilization requirement. Same as MISS-3513. Non-textual. This course is normally offered every semester.

3523 SOCIOLOGY OF CRIME
Prerequisite: PSYC-1113
Psychological aspects of criminal and anti-social behavior, including comparison of psychological and legal factors in criminal investigation and testimony. Same as PSYC-3913. This course is normally offered in the spring semester of odd numbered years.

3613 CULTURAL ANTHROPOLOGY
A course that is designed with the intent of enhancing students' cultural intelligence, specifically in terms of understanding cultural diversity and functioning more effectively in culturally diverse contexts. A significant component of the course is devoted to the study of the anthropology of religion. This course fulfills the non-Western civilization requirement in the Core Curriculum. Same as MISS-3613. This course is normally offered every spring semester.

3673 NEW RELIGIOUS MOVEMENTS
This course examines both religious and quasi-religious teachings and practices in a variety of newer religious movements of diverse cultural and philosophical origins. This course fulfills the non-Western civilization requirement in the Core Curriculum. Same as MISS-3673 and SOCI-3673. This course is offered as needed.

3713 CONTEMPORARY ETHICS
A brief history of ethical theory in Western civilization and a survey of several modern secular ethical systems. These are contrasted with biblical principles and Christian systems during discussions of specific topics such as sexuality, marriage, divorce, abortion, euthanasia, the relation of Christians to the state, wealth and poverty, war and peace, race relations, and social justice. Same as BIBL-3713. This course is normally offered in the fall semester of odd numbered years.

3723 GERONTOLOGY
A study to include physical and health factors in aging; psychological aspects of aging; marriage, family and community relationships of older persons; economic and vocational factors in aging; perspectives on death, dying and grief; aging and institutional care; aging and the law; and the future of social intervention, both public and private. Same as FMST-3723 and PSYC-3723. This course is normally offered in the spring semester.

4633 INTERCULTURAL COMMUNICATION I
Prerequisite: ENGL-1213.
A survey of the basic concepts of how people communicate effectively across cultural boundaries, with special attention given to the complex nature culture plays in communication. SOCI-4633 fosters in students an understanding and appreciation of their own culture and cultural patterns of communication and those of other cultures. Same as COMM-4633, ENGL-4633 and MISS-4633. This course is normally offered in the spring semester of odd numbered years.

4643 INTERCULTURAL COMMUNICATION II
Prerequisite: ENGL-1213.
A continuation of SOCI-4633, typically taught while a student is living in a foreign culture. Same as ENGL-4643 and MISS-4643. This course is normally offered in the fall semester of odd numbered years.

SPANISH (SPAN)

1113 BASIC SPANISH I
Foundational principles and practice of speaking, understanding, reading and writing Spanish and an introduction to Spanish culture for those with no background in Spanish. This course is normally offered every semester.

1213 BASIC SPANISH II
Prerequisite: SPAN-1113, one year of Spanish in high school or the equivalent with permission of the instructor.
Continuation of Basic Spanish I, enabling the student to read, write, understand and respond in basic Spanish and to be aware of cultural differences. This course is normally offered every semester.

2113 INTERMEDIATE SPANISH I
Prerequisite: SPAN-1213 or the equivalent with the permission of the instructor.
A review of Spanish grammar with extensive conversation and cultural readings. This course is normally offered in the fall semester.

2123 INTERMEDIATE SPANISH II
Prerequisite: SPAN-2113 or the equivalent with the permission of the instructor.
Guided development in spoken and written Spanish designed to increase vocabulary and improve usage. This course is normally offered in the fall semester.

3213 SPANISH LITERARY READINGS
Prerequisite: SPAN-2123 or the equivalent with the permission of the instructor.
A survey of Spanish literature based on selected passages and short works. This course is normally offered as independent study and only by permission of the instructor.

3223 HISPANIC CIVILIZATION
Prerequisites: SPAN-2123 or the equivalent with the permission of the instructor.
An overview of Spanish-speaking civilizations through geography, history, art, architecture and music. The course features lecture, discussion, and composition in Spanish. This course is normally offered in the fall semester of odd numbered years.

4113 STUDIES IN SPANISH LITERATURE
Prerequisite: SPAN-2123.
A study of major authors, works, and movements in Spanish literature. This course may be repeated as the content is changed. This course is normally offered in the spring semester of even numbered years.

4213 STUDIES IN LATIN AMERICAN LITERATURE
Prerequisite: SPAN-2123.
A study of the major authors, works and movements in Latin American literature. This course may be repeated as the content is changed. This course is normally offered in the spring semester of odd numbered years.

4313 ADVANCED GRAMMAR AND COMPOSITION
Prerequisite: SPAN-2123.
A survey of the Spanish language and its grammatical system, with specific attention to those skills required for advanced language proficiency. This course is normally offered in the fall semester of even numbered years.

4413 ADVANCED SPANISH CONVERSATION
Prerequisite: SPAN-2123.
Guided development in oral proficiency, emphasizing pronunciation, vocabulary development, and mastery of complex structures and public presentations. This course is normally offered as independent study and by instructor permission only.

4513 SPANISH LINGUISTICS
Prerequisite: SPAN-2123.
A study of the history of the Spanish language, its phonemic, morphemic and syntactical features and its dialectical applications in Spain, Latin America, and the United States. This course is normally offered every other fall semester of even-numbered years.

4613 ADVANCED CONVERSATION AND GRAMMAR
Prerequisite: SPAN-2123.
An intense review of the grammatical concepts of Spanish with a focus on applying them in conversation and oral presentations. Pronunciation and vocabulary development will be emphasized as well. This course is normally offered every other spring semester of even-numbered years.

4623 SENIOR SEMINAR FOR SPANISH
Prerequisites: Senior standing and departmental approval
A capstone course giving Language and Literature majors the opportunity to synthesize previous work, to interact with the faculty at an advanced level and to practice research skills in preparation for graduate school or for entry into their profession. This course is normally offered every semester. It is recommended that students take it their last fall semester.

4711 SPANISH IMMERSION LAB
Prerequisite: SPAN-2123, four years of high school Spanish or the equivalent with permission from the instructor.
An Intense Spanish conversation and Hispanic culture course. This course is normally offered every semester.

4813 TOPICS IN HISPANIC LITERATURE I, II OR III
Three advanced, in-depth self-paced studies of a particular area of Spanish history literature offered on a rotating basis, one per summer.

4900 INDEPENDENT STUDY
A reading, research or writing project related to a student's special interest or need. May be taken only by juniors or seniors with approval of the departmental chair. This course is offered as needed.

Retroactive Credit for Foreign Language – See page 20.

STUDENT DEVELOPMENT (SDEV)

0103 INTERMEDIATE ALGEBRA
Designed for students with a math ACT score of 22 or below in preparation for one of the three mathematics courses which satisfy the university's core curriculum requirements. This course reviews high school algebra including polynomials, equation solving and graphing. This course is graded with a (P) Passing or (NP) No Passing grading system. This course does not satisfy the core curriculum mathematics requirements. This course is normally offered every semester.

0123 DEVELOPMENTAL WRITING
A grammar and writing course designed to develop the basic skills necessary for successful college writing. The course may be required as a prerequisite to ENGL-1113-English Composition I depending on the student's ACT english verbal scores (18 & below) or other equivalent measures. This course is graded with a (P) Passing or (NP) No Passing grading system. Students enrolled in SDEV-0123 must make a P (Passing) in order to enroll in ENGL-1113-English Composition I. Not applicable for credit in major or minor. This course is normally offered every semester.

0133 PREPARATION FOR COLLEGE CHEMISTRY
This course is for the student just beginning to study chemistry. Topics have been chosen to facilitate the understanding of basic concepts of chemistry to insure long term success in the study of general chemistry. Quantitative reasoning and problem solving strategies are emphasized throughout the course. The course consists of three hours of lecture per week. It does not satisfy any core requirement. Lecture--3 hours. This course normally offered in the spring semester.

1102 PERSONAL AND PROFESSIONAL STRATEGIES FOR SUCCESS
A comprehensive course designed to assist students to maximize their success at the university and after graduation. Time management, conflict resolution, career exploration and preparation, and learning styles and strengths will be covered. In addition to in-class activities, students will participate in peer mentoring and other enhancement activities. This course is normally offered every semester.

3111 LEADERSHIP SEMINAR
A study of the definitions of leadership, leadership skills and models of leadership in scriptures, politics, and business. Practical applications of leadership principles to the OC social club system, including daily administration of the club system through Inter-Club Council (ICC). Seminar is open only to the presidents of social service clubs. This course is offered as needed.

YOUTH MINISTRY AND FAMILY MINISTRY (YTMN)

2123 COUNSELING ADOLESCENTS
An introductory class of current problems that adolescents face in American culture (e.g., self-acceptance, peer pressure, friendship and dating, pregnancy, anorexia nervosa, music, drugs and drinking, sexual acting out). The class will involve reading, listening, and dialoguing with guest speakers from the field, listening to and discussing lectures, critiquing videos, and participating in and critiquing simulations in the classroom from biblical and practical perspectives. Field visits to the juvenile court system and interviews with local youth ministers will allow students to compare classroom instruction with the real world of adolescents. A brief introduction to family systems will be included. This course is normally offered in the fall semester.

2213 INTRODUCTION TO YOUTH AND FAMILY MINISTRY AS A PROFESSION
An introduction to the field of study in youth and family ministry. Emphasis will be given to the private and the professional aspects of this profession. Some private issues such as spiritual disciplines, health, family relationships, and personality type will be discussed. Professional issues centering on ethics, integrity, sexuality, education, job skills, leadership, youth ministry tools and resources, teaching, youth and family ministry as a lifetime career, and others will be discussed as well. Concepts will be given to students to begin developing a philosophy of youth and family ministry. Field trips to different parts of Oklahoma City/Edmond will be required for students to interview people in several different contexts working in this profession. This course is normally offered in the spring semester.

2233 EXPERIENTIAL TEACHING METHODS IN THE OUTDOORS
An introduction to teaching adolescents using experiential teaching methods used in outdoor adventure learning. Emphasis will be given to the preparation and presentation of object lessons in the outdoors using biblical texts. Students will work in groups to plan and carry out a 2-3 day outdoor adventure. Interviews with camp directors and team building organizations will give students up-to-date experience in contemporary settings where adolescents might experience outdoor learning opportunities. This course is normally offered in the fall semester.

3113 EVANGELISM, DISCIPLESHIP, AND SPIRITUAL FORMATION WITH ADOLESCENTS
Students will study and explore methods of evangelism particularly effective with adolescents. One-on-one Bible studies, small group Bible studies, and large evangelistic group meetings will be evaluated for effectiveness in today's culture. Emphasis will be given to the process of spiritual formation within the family before and after the conversion experience. Methods of discipleship will be explored and practiced during the course. Students will develop a presentation of their own faith story and work on their own continuing spiritual formation. This course is normally offered in the spring semester.

3203 MODELS AND PROGRAMMING IN YOUTH MINISTRY
This course introduces the student to the current models of youth ministry and programming (i.e., PDYM, Cells, Relational, Young Life, FCA, Sonlife, K-Life). Philosophies of the different models will be discussed allowing the student to integrate a model(s) into his/her philosophy of ministry. Types of programming will be discussed that fit one or several of the models. Students will present a one-year program of activities and learning opportunities for adolescents using the student's chosen model and philosophy. Students will volunteer to work in a ministry that fits closely with the one(s) that they choose as a model. This course is normally offered in the spring semester.

4113 MEDIA CULTURE AND ADOLESCENCE
This course will provide information and learning experiences for students in the areas of adolescent spirituality, media influence, and overall cultural influences that affect the lives of adolescents. The course will focus on how a biblically-grounded spirituality can provide answers to the issues that adolescents face in our culture today. Fowler's Stages of Faith and research from The National Study of Youth and Religion will be used as a backdrop along with scripture to develop a working profile of adolescent spirituality. The use of audio and video media as well as the special moral problems of media and the effects media has on adolescents will be examined. This course is normally offered in the fall semester.

4313 VOLUNTEERS, PARENTS, AND STAFF IN YOUTH AND FAMILY MINISTRY
This course will equip students to carry out Ephesians 4:11-13. Effective youth and family ministry requires help. Students will learn how to recruit and train volunteers. Equipping parents to do their God-given job (Deuteronomy 6:4-9) will be given priority in the course. Relationships with paid and volunteer staff will be discussed. Students will be required to volunteer at a local church during the semester in the youth and family ministry. Same as CMIN-4313. This course is normally offered in the spring semester.

4413 TEACHING THE BIBLE TO ADOLESCENTS
A study of the age characteristics, motivational principles, learning methods and curriculum for teaching the Bible to adolescents 13-18 years old. Same as BIBL-4213. This course is normally offered in the fall semester.

4813 YOUTH MINISTRY INTERNSHIP
Prerequisites: BIBL-2713, one Youth Ministry class, and at least a sophomore standing. Students will work with a local church (or other approved organization working with adolescents with a spiritual emphasis) to gain experience in practical programming for ministry to middle and/or high school students. Students will be evaluated by an approved supervisor (youth minister, preacher, elder, deacon) at the church and an assigned field supervisor from the university. This course is normally offered every semester.

4823 YOUTH MINISTRY-TEACHING PRACTICUM
Prerequisite: BIBL-4413.
Students will work with a local church during the spring or summer semester teaching middle or high school students a 13-week curriculum (Wednesday night or Sunday morning) approved by the church leaders. Students will be evaluated by an approved supervisor (youth minister, preacher, elder, deacon) at the church and an assigned field supervisor from the university. This course is normally offered in the spring and summer semesters.

4830 SPECIAL STUDIES IN YOUTH MINISTRY
Content varies. Course may be repeated. (1-3 hours) This course is offered as needed.

4900 INDEPENDENT STUDY IN YOUTH MINISTRY
Assigned readings, reports or projects based on the needs of the individual student. Normally taken only by juniors or seniors with approval of the dean of the college. (1-3 hours) This course is offered as needed.

CALENDAR

2013 FALL SEMESTER

August 17	Saturday	Residence halls open at 1:00 pm
August 26	Monday	Classes begin for the Fall semester
September 2	Monday	Last day to add classes and for new enrollment
Students NEW to OC may enroll up to the first school day following the first week of school		
September 20	Friday	Last day to drop a class without a "W" on the transcript
October 8	Tuesday	Six weeks progress reports due at noon
October 10-11	Thursday-Friday	Fall Break
October 21	Monday-Friday	Senior pre-enrollment, myOC
October 28	Monday-Friday	Junior pre-enrollment, myOC
November 8-9	Friday-Saturday	Homecoming Weekend
November 4	Monday-Friday	Sophomore pre-enrollment, myOC
November 11	Monday-Friday	Freshman pre-enrollment, myOC
November 15	Friday	Last day to drop a class with a "W" on the transcript or withdraw
November 27-29	Wednesday-Friday	Thanksgiving holiday, no classes, offices closed
December 9-12	Monday-Thursday	Final Exam Week
December 13	Friday	Commencement
December 17	Tuesday	Grades due at noon for Fall semester

2014 SPRING SEMESTER

January 4	Saturday	Residence halls open at 1:00 pm
January 6	Monday	Classes begin for Spring semester
January 13	Monday	Last day to add classes and for new enrollment
Students NEW to OC may enroll up to the first school day following the first week of school		
January 20	Monday	Martin Luther King Holiday, no classes, offices closed
January 31	Friday	Last day to drop a class without a "W" on the transcript
February 18	Tuesday	Six weeks progress reports due by noon
March 7	Friday	Spring Visit
March 8	Saturday	Spring Sing
March 10	Monday-Friday	Senior pre-enrollment, myOC
March 17-21	Monday-Friday	Spring Break
March 24	Monday-Friday	Junior pre-enrollment, myOC
March 31	Monday-Friday	Sophomore pre-enrollment, myOC
April 4	Friday	Last day to drop a class with a "W" on the transcript or withdraw
April 7	Monday-Friday	Freshman pre-enrollment, myOC
April 21-24	Monday-Thursday	Final Exam Week
April 25	Friday	Commencement
April 29	Tuesday	Grades due at noon for Spring semester

2014 SUMMER SEMESTER

April 29	Tuesday	Classes begin
August 14	Thursday	Classes end
August 16	Tuesday	Grades due at noon for Summer semester

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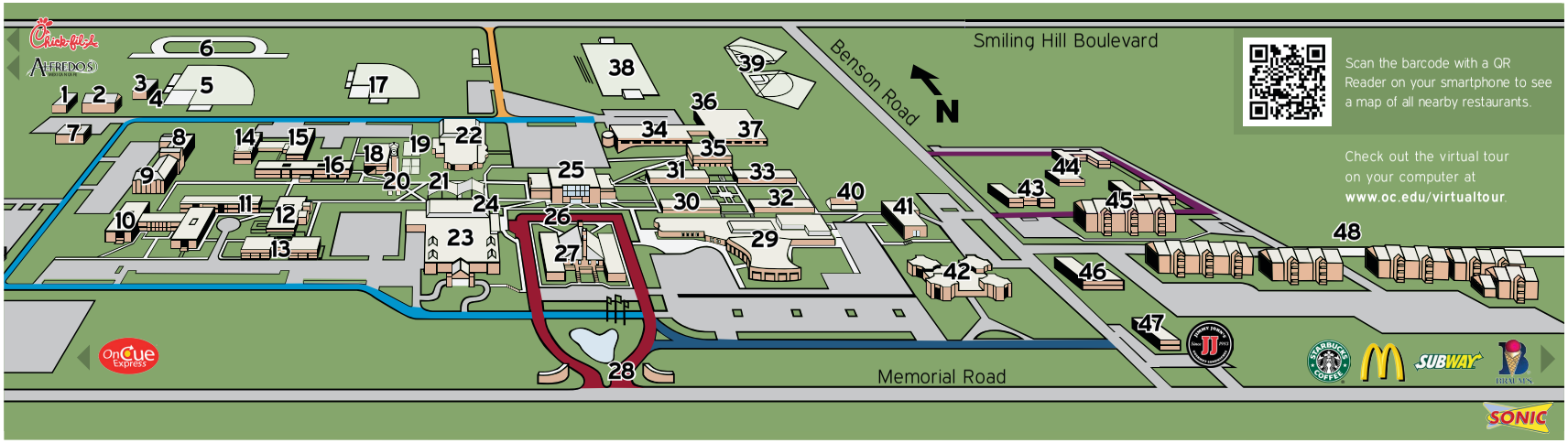
CAMPUS MAP

OKLAHOMA CHRISTIAN UNIVERSITY



Oklahoma Christian University, 2501 E. Memorial Road, Edmond, OK 73013

ACADEMICS

35 Davisson American Heritage Building
- Dept. of History & Political Science
- Dept. of Psychology & Family Studies
- School of Education

40 Dept. of Nursing

29 Garvey Center
- Dept. of Art & Design
- Dept. of Communication
- Dept. of Music

41 Harvey Business Center
- Graduate School of Business
- School of Business Administration

37 Herold Science Hall
- Dept. of Biology
- Dept. of Chemistry & Physics

46 Heritage Plaza
- International Programs

25 Mabee Learning Center

First Floor
- Beam Library
- Honors Program

Second Floor
- Archives
- College of Arts & Sciences
- Dept. of Language & Literature

Third Floor
- Children's Library
- Library Research
- North Institute

36 Noble Science Wing
- Kim Gaither Center for Biology

34 Prince Engineering Center
- Graduate School of Engineering
- School of Engineering

33 Vose Hall - Mabee Laboratories

27 Williams-Branch Center for Biblical Studies
- College of Biblical Studies
- Center for Global Studies
- Graduate School of Theology
- Intergenerational Faith Center
- Scott Chapel

ADMINISTRATION / OFFICES

32 Cogswell-Alexander Hall
- Bridge Program
- Help Desk
- Information Technology Services
- Registrar

42 Enterprise Square
- Advancement
- Alumni
- Church Relations

29 Garvey Center
- Box Office
- Events Management
- Welcome Center

31 Gaylord Hall
- Admissions (2nd floor)
- Student Financial Services (1st Floor)
- Telecounseling

46 Heritage Plaza
- Business Office
- Human Resources

47 Heritage Village
- Campus Police
- The Christian Chronicle
- Residence Life
- University Services

25 Mabee Learning Center

First Floor
- Office of Academic Affairs

Second Floor
- Career Services
- Executive Vice President
- General Counsel
- Marketing & Communications
- Office of the President
- Spiritual Life
- Vice President for Admissions & Marketing
- Vice President for Finance

24 Student Life Office (in Univ. Center)

ATHLETICS

3 Bobby Murcer Indoor Training Facility
2 David Smith Athletic Center (The Barn)
5 Dobson Baseball Field
39 Jackson Family Intramural Fields
4 MidFirst Bank Plaza
22 Payne Athletic Center
- Dept. of Athletics
- Dept. of Physical Education
- Fitness Center / Swimming Pool

38 Soccer Field
19 Tennis Courts - Sand Volleyball
17 Tom Heath Softball Field / Lawson Plaza
6 Vaughn Track

STUDENT SERVICES & HANGOUTS

23 Gaylord University Center
- Bookstore
- Counseling Center
- Mail Center
- Student Government Association
- University Dining

44 Nowlin Center

LIVING QUARTERS

14 Fails Hall
10 Gunn-Henderson Hall
13 Honors House at Davisson Hall
45 McNally House Phase 5
12 Tinius Hall East
11 Tinius Hall West
8 University House North
9 University House South
43 University Village Phases 2, 3, 4
48 University Village Phase 6
15 Warlick Hall
18 Wilson Hall East
16 Wilson Hall West

UNIVERSITY VENUES & LANDMARKS

20 Freede Centennial Tower
29 Garvey Center
- Hardeman Auditorium
- Judd Theatre / Recital Hall
- McIntosh Conservatory / Box Office

23 Gaylord University Center
- Gaylord Room

21 Lawson Commons / McGraw Pavilion
26 Thelma Gaylord Forum
27 Williams-Branch Center for Biblical Studies
- Scott Chapel

OTHER

7 Central Plant
28 Main Entrance
1 Physical Plant Services

STREET NAMES

LR Wilson Way
Baird Loop
Johnson Lane
Jacobs Court
O'Neal Avenue

'EAGLE BUCKS' ACCEPTED AT THE LOCATIONS HIGHLIGHTED ABOVE

Alfredo's Mexican Cafe
Chick-fil-a
Jimmy John's
OnCue Express
Starbucks