Southwest Baptist University

2017 - 2018 Undergraduate Catalog

Volume 102 - Issue 4

Southwest Baptist University is a Christ-centered, caring academic community preparing students to be servant leaders in a global society.

"The greatest of you will be your servant." (Matthew 23:11)

1600 UNIVERSITY AVENUE
BOLIVAR, MISSOURI 65613-2597

1-800-526-5859

(417) 328-5281

http://www.sbuniv.edu

EXECUTIVE CABINET

Dr. C. Pat Taylor
President

Darren Crowder
Dean of
Enrollment Management

Dr. Rob Harris
Vice President for
Student Development

Dr. Brad Johnson
Vice President for
University Relations

Dr. Allison Langford
Associate Provost
for Teaching & Learning

Dr. Bob McGlasson
Associate Provost and Vice President
for Operations for the Mercy College
of Nursing and Health Sciences

Tara Parson
Vice President for
Administration
Chief Financial Officer

Mike Pitts
Director of Athletics

Dr. J. Lee Skinkle
Provost

***SBU LIFE*: UNDERGRADUATE CATALOG EDITION 2017-2018**

PREFACE
2017 - 2018
UNDERGRADUATE CATALOG

This catalog is designed primarily for the faculty and students of Southwest Baptist University and for students planning to enter SBU. Its pages contain the objectives of the University; outlines of the programs of study; admission and graduation requirements; and information regarding costs, living conditions, scholarships, counseling services, and student life.

This catalog is a description and official register of Southwest Baptist University and is a working agreement between a student and the University. A student is responsible for being fully aware of and fulfilling all regulations and conditions contained or referred to herein or as such regulations and conditions may hereafter be amended by the University if and when it deems necessary.

As conditions of admission, the University reserves the right and power to discipline or dismiss any student who fails to comply with said regulations and conditions, and each student agrees that the University shall have such right and power of discipline or dismissal.

Copy for the descriptive chapters and the list of officers for this catalog issue were prepared as of March 1, 2017. Information about fees and expenses, financial aid, and scholarships applies to the academic year 2017-2018. Plans of study, course titles, fees, expenses, and other matters described herein are subject to change at the discretion of the University.

Southwest Baptist University is approved for the training of veterans and the dependents of veterans under Title 38, U.S. Code.

Non-Discrimination

Applicants for admission and employment, students, parents of students, employees, sources of referral of applicants for admission and employment and all unions or professional organizations holding collective bargaining or professional agreements with Southwest Baptist University are hereby notified that this institution does not discriminate on the basis of race, color, national origin, sex, age, disability, or marital status in employment, admissions or access to, or treatment in its programs and activities, except to the extent permitted by religious exemptions recognized by law.

Any person having inquiries concerning Southwest Baptist University's compliance with the regulations implementing Title VI, Title VII, Title IX, or Section 504 and the Age Discrimination Act of 1975 is directed to the Director of Human Resources and Title IX Coordinator, Southwest Baptist University, 1600 University Avenue, Bolivar, MO 65613, (417) 328-1512. Any student having inquiries concerning Southwest Baptist University's compliance with the regulations implementing the American Disabilities Act or Section 504 of the Rehabilitation Act is directed to the Provost, 1600 University Avenue, Bolivar, MO, 65613, (417) 328-1689. Any person may also contact the Office for Civil Rights, U.S. Department of Education regarding the institution's compliance with the regulations implementing Title VI, Title IX, Section 504, or the Age Discrimination Act of 1975. The Office of Civil Rights website is http://www.ed.gov/about/offices/list/ocr/index.html.

Jeanne Clery Disclosure of Campus Security Policy and Campus Crime Statistics Act

The University will comply with the "Jeanne Clery Disclosure of Campus Security Policy and Campus Crime Statistics Act." Any questions related to the implementation or the compliance of this public law (34 CFR Part 668) should be

directed to the Vice President for Administration, located in the Sells Administration Building, or the Vice President for Student Development, located in the Student Union Building. The Vice President for Administration has been designated by the University to coordinate the institution's efforts to comply with the regulations effecting the implementation of this act. The branch campuses will follow the same procedures, unless otherwise specified. Copies of the full report are available from The Department of Safety and Security, 417-328-1556, or on the web site at http://www.sbuniv.edu/safety

Drug-Free Schools and Communities Act

The University is required by the Drug-Free Schools and Communities Act to adopt and implement a program to prevent the use of illicit drugs and the abuse of alcohol by students and employees. Every student shall receive a copy of the program annually as printed in the SBU Student Handbook. Additional copies of the handbook may be obtained in the Office of Student Life. Questions concerning the Drug-Free Schools and Communities Act may be directed to the Vice President for Student Development, who is designated by the University to coordinate the institution's efforts to comply with the Act.

Family Educational Rights and Privacy Act

The Family Educational Rights and Privacy Act (FERPA) affords students certain rights with respect to their education records. These student rights are:

(1) The right to inspect and review the student's education records within 45 days of the day the University receives a request for access.

Students should submit to the Registrar, dean, head of the academic department, or other appropriate official written requests that identify the record(s) they wish to inspect. The University official will make arrangements for access and notify the student of the time and place where the records may be inspected. If the records are not maintained by the University official to whom the request was submitted, that official shall advise the student of the correct official to whom the request should be addressed.

(2) The right to request the amendment of the student's education records that the student believes to be inaccurate or misleading.

Students may ask the University to amend a record that they believe is inaccurate or misleading. They should write the University official responsible for the record, clearly identify the part of the record they want changed, and specify why that part is inaccurate or misleading.
If the University decides not to amend the record as requested by the student, the University will notify the student of the decision and advise the student of his or her right to a hearing regarding the request for amendment. Additional information regarding the hearing procedures will be provided to the student when notified of the right to a hearing.

(3) The right to consent to disclosures of personally identifiable information contained in the student's education records, except to the extent that FERPA authorizes disclosure without consent.

One exception that permits disclosure without consent is disclosure to school officials with legitimate educational interests. A school official is a person employed by the University in an administrative, supervisory, academic or research, or support staff position (including law enforcement unit personnel and health staff); a person or company with whom the University has contracted (such as an attorney, auditor, or collection agent); a person serving on the Board of Trustees; or a student serving on an official committee, such as a disciplinary or grievance committee, or assisting another school official in performing his or her tasks.

A school official has a legitimate educational interest if the official needs to review an education record in order to fulfill his or her professional responsibility.

(4) The right to file a complaint with the U.S. Department of Education concerning alleged failures by Southwest Baptist University to comply with the requirements of FERPA. The name and address of the offices that administer FERPA are:

Tara Parson
Vice President for Administration
Southwest Baptist University
1600 University Ave.
Bolivar, MO 65613
OFFICE: (417) 328-1510
FAX: (417) 328-1514
tparson@sbuniv.edu

John Credille
Registrar
Southwest Baptist University
1600 University Ave.
Bolivar, MO 65613
OFFICE: (417) 328-1606
FAX: (417) 328-1996
jcredille@sbuniv.edu

(5) **Directory Information.** The University designates the following items as Directory information: student name, address (permanent and college address), telephone number (permanent and college), email address, date and place of birth, major field of study, participation in officially recognized activities and sports, weight and height of members of athletic teams, dates of attendance, degrees and awards received, most recent previous school attended and photograph. The University may disclose any of those items without prior written consent, unless notified in writing to the contrary by the end of the first week of classes of each semester.

Student directory information will be released internally to be used for University purposes only. Student directory information will not be released to third party groups for external use without prior approval by the Executive Cabinet.

Affiliations

The University is a member of the Council for Christian Colleges and Universities, the Missouri Baptist Convention, the Consortium of Global Education, the International Association of Baptist Colleges and Universities, National Council for State Authorization Reciprocity Agreements, and the National Association of College and University Business Officers.

Accreditation

Southwest Baptist University is accredited by:

The Higher Learning Commission
230 South LaSalle Street, Suite 7-500
Chicago, IL 60604-1411
(312) 263-0456
www.ncahlc.org

Commission on Accreditation of Athletic Training Education
6836 Austin Center Boulevard, Suite 250
Austin, TX 78731
(844) 462-2283
www.caate.net

Accreditation Council for Business Schools and Programs
11520 West 119th Street
Overland Park, KS 66213
(913) 339-9356
www.acbsp.org

Accreditation Board for Engineering and Technology
415 North Charles Street
Baltimore, MD 21201
(410) 347-7700
www.abet.org

Missouri Department of Elementary and Secondary Education
Jefferson State Office Building
205 Jefferson Street
P.O. Box 480
Jefferson City, MO 65102-0480
(573) 751-4212
dese.mo.gov

National Association of Schools of Music
11250 Roger Bacon Drive, Suite 21
Reston, VA 20190
(703) 437-0700
nasm.arts-accredit.org

Accreditation Commission for Education in Nursing
3343 Peachtree Road NE Suite 850
Atlanta, GA 30326
(404) 975-5000
www.acenursing.org

Council on Social Work Education
1701 Duke Street, Suite 200
Alexandria, VA 22314
(703) 683-8080
www.cswe.org

Commission on Accreditation in Physical Therapy Education
1111 North Fairfax Street
Alexandria, VA 22314
(703) 706-3245
capteonline.org

The Joint Review Committee on Education in Radiologic Technology
20 North Wacker Drive, Suite 2850
Chicago, IL 60606-3182
(312) 704-5300
www.jrcert.org

ASN Program in Nursing has full approval status granted by:

Missouri State Board of Nursing
3605 Missouri Boulevard
P.O. Box 656
Jefferson City, MO 65102-0656
(573) 751-0618

Table of Contents

UNIVERSITY CALENDAR 2017-2018 ..... **1**

SOUTHWEST BAPTIST UNIVERSITY **5**

UNIVERSITY LIBRARIES **13**

INFORMATION AND TECHNOLOGY SERVICES **17**

ADMISSION TO THE UNIVERSITY **19**

FINANCIAL INFORMATION **31**

STUDENT LIFE **45**

ACADEMIC REGULATIONS **53**

COLLEGES AND ACADEMIC DEPARTMENTS **67**

Areas of Study **68**

Ed & Theo Clark University Success Center **71**

Gordon & Judy Dutile Honors Program **73**

Interdisciplinary Studies Program **75**

General Education and Graduation Requirements **77**

Robert W. Plaster College of Business and Computer Science **81**
DEPARTMENT OF ACCOUNTING 83
DEPARTMENT OF BUSINESS ADMINISTRATION 84
DEPARTMENT OF COMPUTER AND INFORMATION SCIENCES 87

The Courts Redford College of Theology And Ministry **95**
DEPARTMENT OF CHRISTIAN MINISTRY 96
DEPARTMENT OF THEOLOGY 99

College of Education and Social Sciences **103**
DEPARTMENT OF BEHAVIORAL SCIENCES 103
DEPARTMENT OF EDUCATION 112
DEPARTMENT OF KINESIOLOGY 117
DEPARTMENT OF HISTORY AND POLITICAL SCIENCE 119

Geneva Casebolt College of Music, Arts and Letters 125
DEPARTMENT OF ART 125
BOB R. DERRYBERRY SCHOOL OF COMMUNICATION ARTS 130
DEPARTMENT OF LANGUAGE AND LITERATURE 134
DEPARTMENT OF MUSIC 140

College of Science And Mathematics 149
DEPARTMENT OF ATHLETIC TRAINING 149
DEPARTMENT OF BIOLOGY 154
DEPARTMENT OF CHEMISTRY AND PHYSICS 156
DEPARTMENT OF MATHEMATICS 163
PRE-PROFESSIONAL STUDIES 165
DEPARTMENT OF PHYSICAL THERAPY 168
DARRELL R. STRAIT CENTER FOR THE INTEGRATION OF SCIENCE AND CHRISTIAN FAITH 170

Mercy College of Nursing and Health Sciences 173
Department of Undergraduate Nursing – Springfield 173
Department of Health Sciences 182
Department of Radiography 187

DEPARTMENT OF EXTENDED LEARNING 193

COURSE DESCRIPTIONS - UNDERGRADUATE 199

UNIVERSITY DIRECTORY 278

INDEX 298

UNIVERSITY CALENDAR 2017-2018

FALL SEMESTER 2017

AUGUST

12 Adjunct Faculty Orientation (Mountain View & Salem)
14 Last day to add online courses offered by the Department of Extended Learning (DEL) for the 1st 4-week and 8-week fall semester
14 Teacher's Camp
15 New Faculty Workshop
15 Department Chair Workshop
16 Faculty/Staff Workshop (a.m.); Faculty Workshop (p.m.)
17-20 Welcome Week for new undergraduate students
17 Move In Day for new students
17 Faculty help students move into dorms (a.m.)
18 Faculty workday in offices
20 Returning students arrive
21 Fall Classes begin - 8:00 a.m., including DEL online courses
23 Formal Convocation - 10:00 a.m.
24 Last day for adding classes for the 1st 8-week session
29 Last day for adding classes for fall semester

SEPTEMBER

1 Last day for adding classes for international students and students returning from active military duty
4 Labor Day – no classes
10 Undergraduate and Graduate deadline for December Intent to Graduate Cards
16 Fall Preview Day (Admissions Event)
19 Midterm grades due for 1st 8-week session – noon
19 Last day to withdraw from 1st 8-week session without academic penalty
22-23 Homecoming
26 Five-week grades due for general education courses and graduation requirements

OCTOBER

3-Nov 4 General Education Assessment window for any student graduating Fall 2017 or Spring 2018
9 Last day to add DEL online course for the 2nd 8-week session fall semester
11 Last day of classes/finals for 1st 8-week
12 Fall Break begins
16 Classes resume – 8:00 a.m.; Classes begin for 2nd 8-week session
17 Mid-Term grades due for fall semester – noon
19-Nov 18 Enrollment for Winterfest and Spring Classes
19 Last day for adding classes for 2nd 8-week session
20 Friday@Southwest (Admissions Event)
27 Last day to withdraw from fall classes without academic penalty
30-Dec 8 Major Field Test window for students graduating Fall 2017*

NOVEMBER

2 Scholarship Appreciation Day
11 Fall Preview Day (Admissions Event)
13 Last day to withdraw from 2nd 8-week session without academic penalty
14 Midterm grades due for 2nd 8-week session - noon
20 Thanksgiving Break begins
27 Classes Resume – 8:00 a.m.
30 All OLIS work turned in to instructor for December Graduation

DECEMBER

2 Scholar's Day
11 Last day of classes
12-15 Final Examinations
14 Commencement – Springfield Campus - 7:00 p.m.
15 Commencement – Bolivar Campus - 7:00 p.m.
15 Last day to add DEL Winterfest online courses
19 All Final Grades due (including OLIS grades) 4:00 p.m.
26 DEL Winterfest online courses begin

* Tests will be administered on a first come/first served basis in Wheeler 137 starting the first business day of the month through the last business day of the month. Students are responsible for getting the test completed prior to the end of the month. Test administration for General Education Assessment is approximately 1 hour and for the Major Field Test is 2.5 hours.

JANUARY (WINTERFEST) 2018

JANUARY

3 Enrollment-Registration
3 Winterfest Begins - 8:00 a.m.
4 Last day for adding classes for Winterfest
15 Monday@Southwest (Admissions Event)
15 Last day to withdraw from Winterfest classes without academic penalty
17 Last day to add DEL online courses for the 1st 4 & 8-week session spring semester
22 Final Examinations; Last Day of all Winterfest courses (including DEL online)

SPRING SEMESTER 2018

JANUARY

22-24 Winter Welcome Week for new undergraduate Students
22 Teacher's Camp II
23 Department Chair Workshop (time TBA)
24 Winterfest Grades due - 4:00 p.m.
24 All Spring Classes begin - 8:00 a.m., including DEL online courses
27 Scholars Day
29 Last day for adding classes for 1st 8-week session

FEBRUARY

1 Last day for adding classes for Spring semester
6 Last day for adding classes for international students and students returning from active military duty
10 Undergraduate and Graduate deadline for May Intent to Graduate Card
15 Transfer Visit Day (Admissions Event)
19 Monday @ Southwest (Admissions Event)
20 Midterm grades due for 1st 8-week session - noon
21 Last day to withdraw from 1st 8-week session course without academic penalty
27 Five-week grades due for general education courses and graduation requirements

MARCH

1-30 General Education Assessment window for any student graduating Spring 2018
2-3 Bearcat Days (Admissions Event)
8-April 21 Enrollment for Summer and Fall classes
12 Transfer Visit Day (Admission Event)
16 Last day of classes/exams for 1st 8-week session
16 Last day to add DEL online courses for 2nd 8-week sessions
19 Spring Vacation begins
26 Classes resume – 8:00 a.m. Classes begin for 2nd 8-week session
26 Last day for adding classes for 2nd 8-week session
27 Mid-Term grades due for spring semester - noon
30 Good Friday (no classes)

APRIL

2-30 Major Field Test window for students graduating Spring 2018*
2 Monday@Southwest (Admissions Event)
6 Last day to withdraw from classes without academic penalty
10 Transfer Visit Day (Admissions Event)
23 Last day to withdraw from 2nd 8-week session class without academic penalty
24 Midterm grades due for 2nd 8-week session - noon

MAY

9 Transfer Visit Day (Admissions Event)
10 All OLIS work turned into instructor for May graduation
14 Last Day of Classes
15-18 Final Examinations
17 Commencement- Springfield Campus – 7:00 p.m.
18 Undergraduate Commencement Rehearsal – Bolivar Campus - 3:00 p.m.
19 Undergraduate Commencement – Bolivar Campus - 10:00 a.m.
19 Graduate Programs Commencement – Bolivar Campus – 3:00 p.m.
22 All Final Grades due (including OLIS grades) - 4:00 p.m.
29 Last day to add DEL online courses for 1st 4-week session or 8-week summer session

* Tests will be administered on a first come/first served basis in Wheeler 137 starting the first business day of the month through the last business day of the month. Students are responsible for getting the test completed prior to the end of the month. Test administration for General Education Assessment is approximately 1 hour and for the Major Field Test is 2.5 hours.

SUMMER SEMESTER 2018

JUNE

4 First 4-Week and 8-Week Sessions begin, including DEL online courses
5 Last day for adding classes for 1st 4-Week Session
7 Last day for adding classes for 8-Week Session
9 Summer Orientation
19 Last day to withdraw from 1st 4-Week Session classes without academic penalty
25 Summer Orientation
25 Last day to add DEL online courses for 2nd 4-week summer session
28 First 4-Week Session ends - Final Examinations, including DEL online courses
29 SBU Summer Showcase (Admissions Event)

JULY

2 Second 4-week Session begins, including DEL online courses
3 Last day for adding classes for 2nd 4-week Session
4 Independence Day holiday – No Classes
6 Classes are in session
9 Last day to withdraw from 8-week Session classes without academic penalty
10 Graduate deadline for Summer Intent to Graduate Cards
17 Last day to withdraw from 2nd 4-Week Session classes without academic penalty
17 Transfer Visit Day (Admissions Event)
26 2nd 4-Week and 8-Week Sessions end - Final Examinations, including DEL online courses
31 All Final Grades due (including OLIS grades) – 4:00 p.m.

DEADLINES FOR CANCELLATION OF COURSES

January/Spring Semesters	Last regular day of fall semester
June and Eight-week Terms	Last regular day of spring semester
July Term	June 7 or next business day
Fall Semester	August 1 or next business day

SOUTHWEST BAPTIST UNIVERSITY

Southwest Baptist University is an institution of higher education offering courses that lead to both undergraduate and graduate degrees. Students may choose from a variety of programs of study as they pursue a liberal arts based, career-oriented education. The University is comprised of six colleges: the Robert W. Plaster College of Business and Computer Science, the College of Science and Mathematics, the College of Education and Social Science, The Courts Redford College of Theology and Ministry, the Geneva Casebolt College of Music, Arts and Letters, and the Mercy College of Nursing and Health Sciences. Areas of certification and professional areas of study are also offered.

Mission of the University

(Adopted by the Board of Trustees, May 1997)

Southwest Baptist University is a Christ-centered, caring academic community preparing students to be servant leaders in a global society.

Vision Statement

(Adopted by the Board of Trustees, October 2003)

Southwest Baptist University fulfills its mission with specific care to guard its Christian distinctives and Baptist heritage as it demonstrates continuous improvement; enlarges its ministry through consistent growth in student enrollment, retention, and ethnic and racial diversity, markets the institution and its mission regionally and nationally; fosters an environment of open communication and service to others; and cares for employees through competitive compensation and benefits packages.

Core Values

(Adopted by the Board of Trustees, October 2003)

In fulfilling the University's mission and vision through its strategic planning process, Southwest Baptist University is committed to the following core values:

Christian Distinctiveness

Southwest Baptist University is ***Christ-centered***. From its inception, the University has been a distinctively Christian and Baptist institution in terms of worldview and ideological commitments. A Christian worldview which is grounded in the Old and New Testaments contains these beliefs:

- God is creator and sustainer of the universe and the ultimate source of all truth, beauty and moral value wherever they are found.
- Humanity chose to rebel against God and lives in a fallen state which he or she is incapable of righting.
- God sent His Son, Jesus the Christ, to pay the penalty for the sin of mankind. He died on the cross and was resurrected on the third day. All who repent of their sin and put their trust in Jesus are delivered from the eternal consequences of sin.
- God both judges and redeems humanity, thereby inviting men and women to define their relationship with Him, with fellow human beings across the globe and with history.
- All people are to be treated with respect and dignity since they have been created in the image of God and have innate worth.
- Human beings have sufficient capacity and freedom of will to develop their intellectual, physical, social, psychological and spiritual well-being.
- Christians are to be change agents in society, sharing the Christian message and lifestyle; Christians are responsible for their relationship with God, with fellow human beings and with their environment.
- Christians must exercise responsible citizenship.

Baptist Heritage

Southwest Baptist University has a long history of association with Baptist work, both in Missouri and throughout the world. The academic foundations of the University are built upon ***historical Baptist traditions***. The implications of this tradition for Baptist higher education are:

- The acknowledgment of God as the ultimate source of all knowledge and truth.
- The commitment to scholarly endeavor under God.
- The desire for open inquiry and responsible scholarship, and the freedom to promote the results of this scholarship.
- The freedom of others to hold and to promote differing scholarly views consistent with a Christian worldview.
- The acknowledgment of an ongoing relationship with the Missouri Baptist Convention.

Compassion and Care for SBU Family

Southwest Baptist University is a ***caring community***. Scripture teaches that all people, regardless of their socioeconomic, physical, mental or spiritual condition, are individuals of worth in the eyes of God. It exhorts Christians to look out for the welfare of other people, to be good stewards of the possessions God has given and to be honest with one another. The University values all members of the University family and seeks to demonstrate the highest standard of respect for people exemplifying a Christian commitment to living with one another.

Academic Excellence

Southwest Baptist University is an ***academic community***. Southwest Baptist University pursues excellence in teaching, scholarship and service by encouraging each member of the University community to live a Christ-centered life:

- Treating each person as an individual valued by Christ;
- Integrating liberal arts, research and professional studies;
- Preparing students through appropriate educational and ministry opportunities to meet the challenges of a global society; and
- Integrating Christian faith and biblical values within each academic discipline in accordance with the University's Baptist heritage.

The University recognizes that academic excellence can be achieved only through continuous evaluation and assessment of curriculum, teaching and student learning.

Social and Spiritual Development

Southwest Baptist University encourages the social and spiritual development of the University family, preparing ***servant-leaders*** for the ***global society***. The University recognizes a responsibility to assist all members of the University family to grow spiritually, intellectually and emotionally. The University responds to that responsibility by offering opportunities for education, ministry, encouragement and worship. As a distinctively Christian and Baptist institution, Southwest Baptist University believes it should demonstrate how the life-values commanded in Scripture can be integrated with academic instruction. These values include sensitivity to the needs of the larger community; a commitment to justice, mercy and personal integrity; a desire for moral growth; and a sense of mutual accountability. The moral values of the University are guided by an understanding of Scripture and a commitment to its authority regarding all areas of Christian faith, learning and living. An important aspect of social development and servant leadership is a commitment to service. Service and engagement at SBU promote learning beyond the classroom and encourage faculty, staff, and students to exemplify a caring academic community. Service and engagement activities can be defined as those that share the love of Christ, contribute to the public and university good, promote community and civic involvement, enrich scholarship and research, or improve the quality of life for others.

Personal Wellness

The University recognizes its responsibility to assist all members of the University family to establish and maintain ***personal wellness***. Scripture clearly teaches the importance of the body as the temple of the Holy Spirit, and the University values personal wellness as a necessary component of servant-leadership. The University responds to its responsibility by offering opportunities for education and activities conducive to personal wellness.

History of the University

The University first opened its doors in 1878 in Lebanon, MO, as Southwest Baptist College. In 1879 the college was chartered by the state of Missouri and moved to Bolivar. Early writings recount a legacy of sacrificial giving and extraordinary efforts by Baptists in southwest Missouri to establish and maintain the college. The founders, James R. Maupin and Abner S. Ingman, faced many difficulties as they rode horseback seeking funds, students, and an ideal college site.

The college faced many hardships in its early years and actually closed from 1908 to 1913 to regain financial solvency and to recover from a devastating fire that destroyed the college's only building. The efforts and prayers of area supporters and Missouri Baptists brought results, and the college reopened in 1913 as a two-year junior college.

The University has maintained its strong Baptist heritage through its affiliation with the Missouri Baptist Convention, which provides some financial support for the University and elects the 25-member Board of Trustees which governs the institution.

The Missouri Baptist Convention approved plans in 1964 for the college to become a senior liberal arts college. The first baccalaureate degrees were awarded in 1967. Bolivar citizens donated a 102-acre farm on the southern edge of the city that a allowed the college to expand physically beyond the small 10-acre campus located near downtown as part of its growing academic expansion.

Another milestone occurred in 1981 when the college name was changed to Southwest Baptist University. In 1995 the University entered a joint nursing education agreement with St. John's Regional Medical Center in Springfield, MO, to form St. John's School of Nursing of Southwest Baptist University and in 2003 this program was elevated to College status.

Today, SBU is a thriving higher education institution with more than 3,600 undergraduate and graduate students. The 158-acre main campus is located in the southern portion of Bolivar, a community of about 10,000 residents that serves as the county seat of Polk County. There are 38 buildings on the main campus. The University also operates branch campuses in Mountain View, Salem, and Springfield, MO.

The Southwest Commitment

Statement of Doctrine

(Formulated by a committee appointed by the President in 1979)

For more than a century Southwest Baptist University has been a community of trustees, faculty, staff, and students united in an experience of learning and living. At this time we affirm our heritage and commit ourselves anew to Christian higher education.

Undergirding the following commitments is our belief that there is only one God, who is creator and redeemer, and that the world is sustained and ruled by Him. We believe that God, the source of all truth, has given us His inspired word, the Bible, as the perfect treasure of divine instruction, the sole authority for our faith and practice. We believe that the revelation of God through the life and teachings of Christ challenges us to become Christlike in all our endeavors.

1. We pledge a continuing commitment to a LIBERAL ARTS program from a Christian perspective, believing that each student needs a broad base of knowledge upon which to build larger concepts, including a Christian value system.
2. We pledge to communicate appreciation for our CULTURAL HERITAGE, providing experiences that develop aesthetic sensitivities and skills.
3. We pledge to continue PROFESSIONAL AND PRE-PROFESSIONAL PROGRAMS, including those for both church-related and secular vocations.
4. We pledge ourselves to ACADEMIC EXCELLENCE as a goal. We believe that we have the responsibility for developing scholarly competence and participating in professional activities.
5. We pledge to WORSHIP GOD as an expression of personal reverence and public witness to the world because we believe that both private and corporate worship are essential experiences for maturing Christians.

6. We pledge to encourage SPIRITUAL GROWTH through personal Bible study and through local church and college ministries.
7. We pledge to SHARE OUR FAITH. We believe that each Christian during and after college years is charged with making disciples.
8. We pledge to support MISSION OUTREACH in the local churches and throughout the world.
9. We pledge to practice and teach STEWARDSHIP of time, talent and material resources.
10. We pledge to promote the development of INDIVIDUAL RESPONSIBILITY to equip one for making academic, social, financial and spiritual decisions.
11. We pledge to be a CARING PEOPLE, a community in which students form lasting friendships and learn principles upon which to build Christian homes, because we believe in the dignity and worth of the individual.
12. We pledge to emphasize PHYSICAL AND EMOTIONAL WELL-BEING. We regard a balanced diet, exercise, personal cleanliness, recreation, and rest to be important to physical and emotional health.
13. We pledge to train our students in COMMUNITY LEADERSHIP.
14. We pledge through PRAYER to seek God's guidance and strength to fulfill these commitments.

Because we are not only a Christian university, but also a Baptist university, we pledge to continue our support of the Southern Baptist Convention and Missouri Baptist Convention programs and Baptist principles.

Principles and Expectations

(Adopted by the Board of Trustees, February 1994)

As a distinctively Christian and Baptist institution, Southwest Baptist University believes it should demonstrate how the life-values commanded in Scripture can be integrated with academic instruction. These values include a sensitivity to the needs of the larger community; a commitment to justice, mercy, and personal integrity; a desire for moral growth; and a sense of mutual accountability. The moral values of the University are expressed as ethical standards and are guided by an understanding of Scripture and a commitment to its authority regarding all areas of Christian faith, learning, and living.

Because of the prevailing moral confusion in our society, the University must speak clearly about Christian ethical standards. Five statements of ethical standards have been adopted by the Board of Trustees for the University family, which is composed of students, faculty, staff, administrators, and trustees. These standards concern Academic Integrity, Christian Lifestyle, Sexual Conduct, Marriage and Family Responsibility, and Respect for People and Property.

These statements of ethical standards guide the University in its obligations to students and others in the University family who are involved in an honest pursuit of the truth by requiring integrity in academic pursuits, by encouraging a Christian approach to sexuality, by supporting a stable family life, and by modeling responsible Christian interpersonal relationships. The University is committed to providing education and counsel to those of its community; to extending Christian love to those involved in strife, marital discord, or the struggle for proper sexual expression; and to demonstrating the acceptance of the forgiveness for human failure, which is available through Jesus Christ.

Statement on Academic Integrity

PRINCIPLE: Truthfulness, diligence and commitment are part of the very nature of God. God's plan for believers is that their nature will become like His. Because of this, our lives should demonstrate these qualities. Scripture commends personal integrity and condemns that which undermines it.
EXPECTATION: Academic integrity is based on truthfulness and is the responsibility both of faculty and students. Faculty members are responsible for maintaining integrity in their academic pursuits. Faculty members also have the responsibility for setting and clarifying academic requirements for the work of students. Academic integrity is a personal responsibility of students to represent as their own work in reports, papers, or examinations only what they are entitled to present honestly. Academic integrity also includes the collective responsibility of faculty members and students to ensure that all uphold the spirit and letter of this principle. Conduct which violates academic integrity includes cheating in any form on examinations and presentations of the ideas or writings of others without proper credit.

Statement on Christian Lifestyle

PRINCIPLE: Scripture teaches that believers are set apart to God's purpose through sanctification, but will sin. Scripture also demands that believers demonstrate a lifestyle that is distinctively different from that of non-believers.

EXPECTATION: A Christian lifestyle is expected of all members of the University family. It consists of demonstrating those attitudes produced by the gift of the Spirit, practicing truthfulness in all relationships or activities, and exhibiting our dedication to Christ through our commitment to excellence in daily work or academic activities. A Christian lifestyle avoids such specific sins as greed; jealousy; pride; lust; bitterness; uncontrolled anger; prejudice based on race, sex, or socioeconomic status; use of alcohol as an intoxicant; substance abuse; stealing; profanity; dishonesty; occult practices; illegal activities; use of pornography; and sexual sins, such as pre-marital sex, adultery, and homosexual behavior.

Statement on Sexual Standards

PRINCIPLE: Scripture teaches that heterosexual union is the only acceptable expression of sexuality and must be reserved for marriage and insists on sexual abstinence for those who are unmarried.
EXPECTATION: All members of the University family should abstain from unbiblical sexual practices and from behavior which may lead to a violation of God's standards on sexual activities.

Statement on Marriage and Family

PRINCIPLE: God's ideal for marriage is a lifelong covenant between one man and one woman. Scripture views marriage as a witness to the permanent relationship between Christ and His Church and the family as God's first institution.
EXPECTATION: The University has a concern over the increasing pressure being placed by external and internal forces on the institution of marriage. It recognizes the struggle of those within the University family who strive to keep their marriages stable under these pressures. Nevertheless, members of the University community should not enter into divorce except under the most severe circumstances and then only after pursuing all possible options, including counseling, and after considering the impact of divorce on their families, their personal lives, and their professional responsibilities at SBU.

Statement on Respect for People and Property

PRINCIPLE: Scripture teaches that all people, regardless of their socioeconomic, physical, mental or spiritual condition, are individuals of worth in the eyes of God. Scripture also teaches that ownership of property is to be respected. It exhorts Christians to look out for the welfare of other people, to be good stewards of the possessions God has given, and to be honest with one another.
EXPECTATION: The University expects behavior from all members of the University family that demonstrates the highest standard of respect for people and property and that exemplifies the Christian commitment to loving one another. Certain behaviors are not acceptable according to this ethical standard. These include sexual harassment, disrupting the rights of others to pursue appropriate University activities, depriving individuals of the use of their property or depriving the University of the use of its property.

Campus Buildings and Facilities

- **Art and Doris Allen Walk of Life**, named in honor of Art Allen, trustee, and his wife Doris, major contributors to its construction, was completed in the fall of 2000. It provides a beautiful landscaped walkway from the Awad Memorial Garden to Ingman Avenue. It also offers a fitting memorial to SBU students who have died since 1994.
- **M. Michael Awad Memorial Garden**, named in honor of M. Michael Awad, who served SBU as Provost from 1993 until his death on March 11, 1999, was completed in the fall of 2000. It consists of a fountain and several planters and provides a beautiful setting on the west side of the Sells Administrative Center.
- **John A. Bryant Tennis Center**, named in honor of John A. Bryant, longtime SBU tennis coach, was completed in the fall of 2000. It provides the SBU tennis teams, faculty, staff and students as well as the Bolivar community six excellent, lighted, tennis courts.
- **The Merrill Burnidge Memorial Forum** is an open-air plaza adjacent to Goodson Student Union, Mellers Dining Commons and Mabee Chapel on the Shoffner Campus.
- **Geneva Casebolt Music Center** houses the Department of Music. The center contains studios, practice rooms, classrooms and the 300-seat **Jane A. Meyer Recital Hall**.
- **The John D. Clement Memorial Amphitheater and Prayer Garden** was completed in 1988. The amphitheater accommodates 250 to 300 people for outdoor concerts and dramas. The small garden area is for private meditation.
- **Colvin Center for Instructional Technology and Extended Learning**, located on the second floor of the Jester Learning and Performance Center, includes the main offices for the information and technology services area as well as distance learning classrooms and faculty technology support areas. The center was named in honor of Marie Colvin, a longtime supporter of the University.

- The **David and Betty Cribbs Athletic Practice Facility** was completed in 2016 and offers an indoor practice field and batting cages for the University athletic programs. The facility was named in honor of longtime University donors David and Betty Cribbs of Bolivar, MO.
- The **Warren B. Davis Family Physical Therapy Center** was dedicated in 2011 and is named in honor of former local businessman and current entrepreneur Warren B. Davis. The center currently houses the Department of Physical Therapy, and its faculty practice clinic.
- The SBU baseball team has one of the finest home fields in the area, as the result of a gift from James W. Dodson. **Dodson Field**, situated on the south side of the Shoffner Campus, has a grass infield, spacious dugouts and major league dimensions. Adjacent to Dodson Field is the **Virginia R. Heer Facility**, which provides rest rooms, concessions and dressing rooms for the baseball, softball, soccer and intramural participants.
- The **Felix Goodson Student Union** houses the bookstore, Kaldi's Café, student lounge, and game room, as well as the 250-seat **Grant Davis Theater** and **White Chapel**, which is the conference room for the University Ministries and Missions Center and is used for a variety of meetings including Bible studies and Mission team training events. Offices for Student Life, Residence Life, Missions and ministry programs, Student Government Association, student publications, intramurals, Habitat for Humanity, and Welcome Week are an integral part of this building.
- The **Wayne and Betty Gott Educational Center** was renovated and reopened in 1998. It includes state-of-the-art classrooms and teaching laboratories for the Departments of Education, Graduate Education, and Behavioral Sciences. The center is named in honor of longtime University donors Wayne and Betty Gott of Salem, MO.
- **Hammons Center for Facilities Excellence**, named in honor of Dwain and Donna Hammons, business leaders from Stockton, MO and major contributors to its construction, was completed in the spring of 2000. It houses the SBU Physical Plant staff and equipment and the Safety and Security staff.
- The **Jester Learning and Performance Center**, named in honor of Bill and Nancy Jester, business leaders from Springfield, MO and major contributors to its construction, was completed in 2001. It houses the Colvin Center for Instructional Technology and Extended Learning, the Department of Art, the Bob R. Derryberry School of Communication Arts, the Department of Language and Literature, the 299-seat **Davis-Newport Theater**, and the **Driskill Art Gallery**. The east half of the facility houses the **Harriett K. Hutchens Library**, the ground floor of which was completed in 1996. The late Mrs. Hutchens was a Springfield, MO businesswoman, a community leader, and an active member of the South Haven Baptist Church in Springfield.
- The **Keathley Lifewalk** is a 15-foot wide walkway that connects Mabee Chapel, the Randolph Meditation Chapel and the Jim Mellers Center.
- **Killian Health Center**, named in honor of Bob Killian, trustee, and his wife Betty, major contributors toward its construction, was completed in the fall of 2000. The building in which it is located served as the president's home at one time. The center provides ample room for the University nurse to minister to the health needs of the University family.
- **Mabee Chapel** was completed in the spring of 1979 and completely renovated in 2011. It is located on the north side of the Burnidge Memorial Forum. The chapel seats 1,300 people in Pike Auditorium, which has a complete professional stage for dramatic and musical productions. The chapel houses the offices for the Ed & Theo Clark University Success Center, the Gordon & Judy Dutile Honors Program, Career Services, Special Services, and External Studies.
- **McClelland Dining Facility**, named in honor of Dr. and Mrs. R.S. McClelland, includes an 84-seat executive dining area and a large 200-seat dining room. Both campus and community events are held in this facility.
- **Jim Mellers Center** was completed in 1984 and named in honor of Jim Mellers of Springfield, MO. The building houses The Courts Redford College of Theology and Ministry.
- **Marietta Mellers Dining Commons**, dedicated in 1977, adjoins the Felix Goodson Student Union. The dining commons was designed to serve up to 1,200 students, with seating capacity for 600. The **Parents Association Room** provides facilities for small dining and meeting functions.
- The **Jane and Ken Meyer Wellness and Sports Center** houses the state-of-the art Intramural and Wellness Center and the University's **Sports Arena**. The intramural and wellness center houses intramural basketball courts, racquetball courts, a rock climbing wall, weight rooms, an aerobics room, an indoor walking/jogging track, health and physical education classrooms, faculty and athletic offices, and the recently renovated natatorium, an Olympic-size swimming pool originally built in 1985. The sports arena features seating for 2,800, the Athletic Training Room, the Citizens Memorial Hospital Sports Medicine Clinic, and the **John Q. Hammons Court**, named in honor of Springfield, MO businessman John Q. Hammons.
- **Plaster Athletic Center**, named in honor of Robert W. Plaster, a Lebanon, MO, businessman and major contributor toward its construction, was completed in 2001. The facility houses locker rooms, a squad meeting room for the

football program, and offices for the athletic administration and football coaching staff. The weight room for the University athletic programs is located here.

- **Plaster Stadium**, named in honor of Robert W. Plaster, a Lebanon, MO, businessman, was completed in 1985. The stadium is the home of the University's football program and the site of other major outdoor functions.
- The **Randolph Meditation Chapel**, built in 1988, will seat 50 to 75 people. It is open 24 hours a day for individual meditation and serves as a center for small group activities.
- Residence facilities for women are **Beasley Hall, Leslie Hall, Woody Hall**, and **Plaster Lodge**, named in honor of Robert W. Plaster. Residence facilities for men are **Gott Hall, Landen Hall, Maupin Hall, Meyer Hall**, and **Memorial Hall. Nichols Commons** connects Woody and Gott Halls. Campus apartment-style facilities are **Casebolt Apartments** and the **Craig House**, for upper-class women; and **Roseman Apartments** which provide apartment living for upper-class men.
- **Sells Administrative Center**, completed in 1989, is named in honor of Dr. James L. Sells, former Chancellor of Southwest Baptist University, who served the University from 1966 to 1992.
- **Stewart Track**, named in honor of former athletic director Orlin B. Stewart, who taught and coached at Southwest Baptist for 38 years, was completed in 1988 and rebuilt in 2013. The eight-lane, 400-meter track is constructed of polyurethane and used for both intercollegiate track meets and student and community personal fitness.
- The **Gene Taylor National Free Enterprise Center** was completed in 1981 and renovated and expanded in 2016. The building was named in honor of former Missouri Congressman Gene Taylor. This facility houses a Free Enterprise Center, the Robert W. Plaster College of Business and Computer Science, the Department of History and Political Science, several faculty offices, computer labs, electronic classrooms, a student lounge, study areas, team presentation rooms, seminar rooms, and an auditorium.
- The **Judy Taylor Physical Therapy Garden** was named in honor of Judy Taylor, First Lady of SBU (1996-2016). The garden serves as a tribute as well as to meet the need of SBU Physical Therapy students, who benefit from having a place to practice true-to-life therapy experiences on varying outdoor surfaces.
- The **Wheeler Science Center** is named in honor of Clarence and Edna Wheeler and houses classrooms, laboratories and offices for mathematics and science programs as well as the Office of University Effectiveness.

UNIVERSITY LIBRARIES

Mission Statement

The University Libraries advances the mission of Southwest Baptist University by building collaborative relationships; nurturing scholarship; providing information access and instruction; encouraging curiosity, exploration, discovery, and knowledge creation; and supporting learning in and beyond the university.

Vision Statement

We bring the library to you. The University Libraries integrates dynamic, user-centered services with the teaching, learning, and researching needs of the University community.

Core Values

The University Libraries

- embraces the University's Christ-centered mission by serving the needs of its constituents and promoting spiritual growth;
- initiates and nurtures collaborative relationships with its constituents;
- regards academic excellence as the standard in its instruction, information access, knowledge creation, and operational practices;
- promotes lifelong learning: educating users on the successful retrieval and ethical use of information; and cultivating critical thinking skills through information literacy instruction;
- supports scholarly endeavors through the acquisition of information resources and innovative technologies;
- builds physical and virtual infrastructures, organizing information into accessible, user-friendly collections;
- acts with integrity and financial responsibility, modeling academic honesty and intellectual freedom; and
- delivers a user-friendly, welcoming library experience by providing convenient, reliable, and proactive services in a positive learning environment.

CONTACT INFORMATION

Harriett K. Hutchens Library		Branch Libraries	
Administration	417-328-1619	Mountain View Campus Library	417-934-2999
Circulation	417-328-1613	Wisdom Library, Salem Campus	573-729-7071
Hours	417-328-1621	Mercy College of Nursing and	
Media Services	417-328-1627	Health Sciences Library	417-820-2103

WEBSITE library.sbuniv.edu

LIBRARY FACILITIES

The University Libraries have a centralized library administration, which integrates services for the four library facilities. The Harriett K. Hutchens Library, located in the Jester Learning and Performance Center on the Bolivar campus; the Mountain View Campus Library, located in the Myrtle Glass Learning Center; the Wisdom Library, located at the Salem Campus main building; and the Mercy College of Nursing & Health Sciences Library, located in the Springfield Campus main building, provide access to library collections and resources for all SBU students.

LIBRARY USE

SBU identification cards serve as library cards and must be presented for checkout of both regular and reserve materials, including media resources and equipment. Professional librarians are available for research assistance. Additional information about library use, including student privileges and responsibilities, is included in the SBU Student Handbook and in the University Libraries Policy Manual. The Policy Manual is on reserve at the Circulation and Reserves Desk and is available on the University Libraries' website.

INFORMATION ACCESS
The University Libraries' website (library.sbuniv.edu) is an excellent source for information. In addition to the University Libraries' catalog and databases, general information about library hours, policies, collections, archives, course related web resources, branch library information, and a very useful Research Guides are just a few of the resources available on the site. The University Libraries provide access to a significant number of electronic resources, including full-text articles, e-books and databases. These resources are available via the University Libraries' website, and are accessible on or off campus.

SBU is a member of MOBIUS, a consortium of 70 Missouri academic, public, and special libraries. The library shares a web-based common catalog with other southwest Missouri academic libraries as a part of the SWAN (Southwest Academic Network) cluster of MOBIUS. SBU faculty and students may request books not available in our collection from MOBIUS libraries. In addition, Interlibrary Loan (ILL) service for books and articles not available within the MOBIUS consortium is available through the web-based OCLC FirstSearch service. More than 72,000 member libraries worldwide are part of OCLC.

MEDIA SERVICES
Media Services, located in the Harriett K. Hutchens Library, houses the Media Production Lab, Listening/Viewing Lab, Television Studio, and the media collection, which includes a variety of audio and video formats, educational and multimedia software, and printed music scores. Services include duplication (as allowed by law) of tapes, videos, and compact discs; plastic comb report binding; spiral binding; lamination; color printing/photocopying; and limited videotaping. Some services are self-serve and others are fee based. Media Services equipment, including laptops, iPads, digital cameras, video camcorders, projectors, screens, etc., must be scheduled in advance and are subject to restrictions. The branch campus libraries offer limited media resources and equipment.

GENERAL COLLECTION
The University Libraries collection includes print volumes, e-books, media titles, microforms, and hard copy and electronic periodical titles. The collection includes the Library of American Civilization microfiche collection of primary source material; ERIC documents on fiche and online; and a curriculum collection containing K-12 textbooks, juvenile books, and other teaching materials and aids for use by education majors.

SPECIAL COLLECTIONS
- R. Earl Allen Model Pastor's Library - includes a collection of theological and sermonic books, plus other related materials
- Antique/Rare Books Collection - consists of books that are restricted to library use only due to their nature and condition
- Christian Education Resource Lab - provided by the Mid-Lakes Baptist Association provides resource collection of current church education literature, Bible study materials, periodicals and monographs, published by Southern Baptist related entities
- Faith Enrichment Collection – collection of materials to assist in the spiritual development of students and staff
- Butler Baptist History – a microfilm collection of older works on Baptist History
- SBU Collection – includes published, bound books by or about SBU faculty, alumni, staff, and trustees
- Best Sellers Collection – includes popular fiction and non-fiction titles to fulfill the leisure reading desire of SBU constituents

JOYCE SELLS HERITAGE CENTER
The Heritage Center was created as a memorial to the former first lady, Mrs. Joyce Sells. The center provides facilities for the display of SBU heritage materials and space for researchers to study historical documents and artifacts of the University. This is a designated quiet study area in the library.

UNIVERSITY ARCHIVES
This collection of historical treasures related to the life and times of SBU and SWBC is housed in the Harriett K. Hutchens Library. For more information inquire at the Circulation Desk.

LIBRARY PUBLICATIONS

- Free research guides are available in each library to provide information about library hours, resources, services, and assistance.
- Southern Baptist Periodical Index (SBPI) is published annually by the University Libraries in both print and electronic format and is used by researchers worldwide, via the Internet.
- Website – the website contains course specific reference guides developed by the faculty to assist students in locating information relevant to a course

INFORMATION AND TECHNOLOGY SERVICES

Mission Statement

Information and Technology Services provides leadership in the effective use of information and technology resources as it serves the vision of the university.

Vision Statement

Information and Technology Services' vision is to integrate information technology throughout the academic community, to enhance learning, teaching, access to higher education, productivity, and communication.

Contact Information

Help Desk: 417-328-1702 or 800-526-5859, ext. 1702
helpdesk@sbuniv.edu
ITS Offices: 417-328-1535

The ITS unit is responsible for university-wide information technology support, including such things as administrative systems, the data network, Internet access, online services, multimedia support, telecommunications, help desk and general computing support. The ITS unit assists the various colleges, divisions and programs in acquiring information technology resources for their individual units.

Computing Resources

There are eighteen computer labs located on the Bolivar campus. Six of those labs are available full time for student use. The other twelve are available for classroom/instructional use or are software specific related to a specific degree program i.e.: Art, Accounting, Business, Computer Science, Communications, Education, Music, Physiology, Physics and Physical Therapy. Many of these labs have additional peripheral devices including projectors, scanners, digital video editing and a variety of printing capabilities. Each of the off-campus centers has a computer lab available for their students.

MySBU Portal

The MySBU Portal serves as the University's internal communication tool with faculty/staff/students. MySBU provides single sign-on access to Blackboard (learning management system), WebAdvisor/Self-Service (grades, registration, financial aid processing, make online payments), Password Manager (self-service password control), and Office 365 (email). MySBU also provides access to university event calendars, university announcements and prayer requests. All students receive an account to access the MySBU portal upon registration.

ADMISSION TO THE UNIVERSITY

This section of the catalog states the admission criteria for unconditional, conditional, and other admission categories. In addition to these criteria, applicants must follow the appropriate admission procedures outlined under the section entitled "Application Procedures." Southwest Baptist University reserves the right to restrict, deny, or revoke an offer of admission or the admission of any person otherwise eligible for reasons determined to be in the best interest of the institution by the officers thereof. These reserved rights shall be administered in a manner strictly consistent with state and federal non-discrimination laws.

SOUTHWEST BAPTIST UNIVERSITY IS MODERATELY SELECTIVE IN OUR ADMISSION POLICIES, BASED ON THE FOLLOWING CRITERIA.

Freshman Admission

Academic Requirements

1. An SBU applicant must present one of the following:
    - An official secondary or home school transcript (with a minimum of six semesters)*
    - Standardized tests, SBU ACT code: 2368; SAT code: 6664

2. Additionally, students must meet two of these three qualifiers:
    - 2.50 high school GPA on a 4.00 scale
    - 21 ACT/990 SAT composite score
    - Top 50% of high school rank in class

3. In order to help one succeed at SBU the following high school subjects are strongly recommended (13 units): English (4 units), mathematics (3 units), social studies (2 units), natural science (2 units), electives (2 units of foreign language or computer science or 2 additional units from English, mathematics, social studies, or natural sciences).

Conditional Admission

Students who do not meet minimum criterion for freshman admission may be accepted with conditions. An applicant must be a graduate of an accredited or approved high school* or present an acceptable secondary certificate (e.g., the GED). The high school subjects listed above under "Academic Requirements" also are strongly recommended for conditional admission applicants. Admittance with condition as a degree-seeking student may be based on a further review of high school course work and grades, standardized test scores, GPA, rank in class, and recommendations from appropriate personnel in their school, church and community. Conditions will be detailed in writing from the Director of Admissions.

Applicants who are admitted conditionally will have a document concerning the specific conditions of their admittance placed in their advisee file. Conditionally admitted applicants may be directed to take designated courses, or participate in specified programs, to help them succeed at SBU. Conditionally admitted students must complete the prescribed course of study.

*To comply with the Higher Education Act, which requires colleges to evaluate the validity of a student's high school completion, the admissions office requires the submission of official high school transcripts (i.e., from schools with a CEEB code, with a high school seal and/or official signature). For transcripts from schools without a CEEB code, the admissions office will investigate to confirm the school is recognized by the state department of education or home school association. The admissions office may request a copy of the student's diploma at any point for verification. If the diploma is determined invalid, a GED may be required for admission consideration.

Transfer Student Admission

Southwest Baptist University is in agreement with the principle of the Missouri Coordinating Board for Higher Education "that a student with a clear educational objective should be able to complete a degree program in the shortest possible time, whether the student remains in one institution or transfers to another."

The nature and standards of courses transferred toward a degree program must correspond closely to courses offered at Southwest Baptist University and may be limited by the college or department involved. Only professional education courses transferred from two-year colleges and from senior colleges having state approved teacher education programs can be used to meet certification requirements.

A maximum of six hours of D credit will be accepted in transfer. A maximum of 30 semester hours of accredited work earned by Online Independent Study (OLIS) or extension may be applied toward SBU requirements. No more than 12 hours of this credit will be counted toward a major or minor. Applicants may transfer up to 64 semester hours of credit from two-year colleges, and these credits will transfer only as lower level (1000-2000) courses. **NOTE: SBU will accept no more than 94 hours from other institutions toward a degree.**

Applicants seeking teaching certificates must additionally fulfill the general education requirements prescribed by the Missouri State Department of Elementary and Secondary Education. Only professional education courses transferred from junior/community colleges and senior colleges having state-approved teacher education programs can be used to meet certification requirements.

Transfer students from schools that are not regionally accredited will have their work evaluated by individual departments to determine if it is transferable (no more than 30 credit hours total will be accepted). No Bible or religion courses will be accepted from schools not regionally accredited. Graduation Requirements from regionally accredited schools will be evaluated by the individual departments to determine if they are transferable. No grade of D will be accepted from a college not regionally accredited.

Transfer students who have been dismissed from a previous institution must seek re-admittance or permission to return to that institution before being considered for admission to Southwest Baptist University.

Transfer Students with the Associate Degree

Transfer applicants who have completed the A.A. degree from a regionally accredited college will be permitted to transfer to SBU with all general education requirements met for the B.A., B.S., B.S.N., and B.A.S. degrees. Transfer students with an A.A. degree granted by an institution outside of the state of Missouri must meet the state statute requirement (Section 170.011.1) for the Missouri Constitution by completing POL 1111.

Students transferring with an A.S. degree will have their degree evaluated to see if it meets all the general education requirements. Transfer students must still take those courses listed as graduation requirements. An associate degree in a professional program (such as an A.A.S.N. or A.S.N.) does not satisfy this requirement.

Transfer students holding an A.A. or A.S. degree seeking teacher certification must also fulfill the general education requirements prescribed by the Missouri State Department of Elementary and Secondary Education. (See Department of Education in the College of Education and Social Sciences.)

Transfer Students without the Associate Degree

Transfer applicants who do not have an associate degree will have their transcripts evaluated on a course by course basis. Students who have fulfilled the 42-credit hour general education curriculum block outlined by the Missouri Coordinating Board of Higher Education and certified by the sending institution shall be deemed to have completed all general education requirements. Transfer students must still take those courses listed as graduation requirements. Transfer students with a course equivalent to POL 1113 from an institution outside of the state of Missouri must meet the state statute requirement (Section 170.011.1) for the Missouri Constitution by completing POL 1111.

Transfer applicants will be admitted unconditionally to Southwest Baptist University as transfer students if the following criteria have been met:

1. The applicant has earned a minimum of 12 hours of college level work (excluding remedial courses) from a regionally accredited college or university **since** completion of high school or GED and
2. The applicant has achieved a 2.00 G.P.A. or higher on **all** college level work.

NOTE: Transfer applicants who do not meet the criteria listed above will be considered for admission under the "Freshmen Admission" criteria. Applicants who have not successfully completed the equivalents of SBU's English and math requirements are required to take the ACT, SAT, or another approved placement exam before being placed in an English or math course.

Special Admission

Persons who have not yet earned a high school diploma or certificate may be eligible for the following special programs established by the University to meet the needs and interests of otherwise qualified applicants.

Dual Credit

Dual credit courses enable high school students to receive both high school and college-level credit simultaneously. High-performing students are provided an affordable opportunity to experience college-level courses during high school. Dual credit courses are offered on the high school campus and online. Applicants must submit the dual credit application, which includes recommendations from officials at their schools and approval from their parents/guardians. Applicants are admitted on the basis of academic standards that are the same as those required for unconditional admission to the University. Interested applicants should contact the Dual Credit Director for further information. Southwest Baptist University accepts general education dual credit courses completed by students at other regionally accredited institutions. The University does not guarantee acceptance of non-general education courses. These courses will be reviewed on an individual basis by the department involved.

Dual Enrollment

High school students meeting SBU's admission requirements are invited to enroll in regularly scheduled courses. Participating students will be considered as official part-time students and are required to abide by all University policies and regulations. Dual enrollment students may take up to six college credit hours per semester and accumulate a maximum of 24 college credit hours while participating in this program. Interested high school students must submit the dual enrollment application form, which includes recommendations from officials at their schools. Interested applicants should contact the Office of Admissions for further information.

Early Admission

Under unusual circumstances, a superior high school student may request entrance to the University as a regular, full time student before high school graduation. If the applicant has not completed all requirements for graduation from high school, the following must be presented:

1. An official sixth-semester transcript, including the applicant’s class rank
2. An SAT score or ACT score, forwarded to SBU
3. A letter from the applicant, stating the reasons for seeking early admission
4. A letter from the parents of the applicant, stating consent to the early admission
5. A letter from the high school superintendent or principal, stating that the applicant has complied with the high school's process granting early release

International Student Admission

Qualified international applicants are invited to apply for admission to SBU. The following requirements apply to international applicants and U.S. resident aliens whose native language is not English.

Applicants from non-English speaking countries must take the Test of English as a Foreign Language (TOEFL) or the International English Language Testing System Academic (IELTS). For the TOEFL, the applicant must score one of the following minimums: a 79 on the internet-based test (IBT); or a 213 on the computer-based test (CBT); or a 550 on the

paper test.. For the IELTS, the applicant must score a minimum of 6.5 Scores must be no more than two years old from the date the examination was taken.

Exceptions to the required TOEFL scores will be made in the following instances only:

a. An applicant is a citizen of any country in which English is the primary language
b. An applicant has studied in a country in which English is the primary language or in the U.S. within the past three years and has a good academic record at the school attended.

1. All Southwest Baptist University students are required to take the ACT or SAT exam or other approved departmental placement exams for placement in English and math classes.
2. Official credentials indicating all secondary work must be submitted to the Office of Undergraduate Admissions with the formal application forms. Admissions status cannot be determined until all documents are on file.
3. As part of the admissions process, an international credential evaluation is required reporting prior university study. SBU accepts evaluations from World Education Services (WES), found at www.wes.org or Educational Credential Evaluators (ECE) found at www.ece.org. An official international credential evaluation should come directly to Southwest Baptist University electronically or through the mail in a sealed envelope. Transfer credit will be applied according to information reported on the official evaluation. International students who transfer work to SBU from foreign institutions are responsible for any evaluation fees associated with the transfer of credits. A letter of acceptance will be issued only when an applicant is found eligible for admission.
4. International students must provide an original bank statement demonstrating the ability to afford the cost to attend SBU for 9 months. After receiving SAT or ACT scores and GPA or ECE results, the admissions counselor will be able to provide more information the individual's cost of attendance.
5. All international students accepted for admission to Southwest Baptist University are required to purchase a12-month medical insurance policy from a United States based company prior to campus arrival. Once medical insurance is purchased, the student must provide documentation verifying the health policy to the University Health Center. A 12-month medical insurance policy must be maintained while the international student is attending SBU.

An applicant admitted from another country must carry a minimum full academic load. A minimum load is interpreted to mean 12 academic credit hours, unless the applicant needs fewer hours to complete his or her academic program. An applicant who has qualified on the TOEFL is deemed sufficiently proficient in English to carry the minimum of 12 credit hours.

Application Procedures

The following application procedures are required for all undergraduate applicants who wish to enter Southwest Baptist University. (Admission criteria are stated on the previous pages.)

First Time Freshmen

1. File a completed Application for Admission. This form should be accompanied by a $30 nonrefundable application fee. Notification of acceptance is on a rolling basis. An application file is considered complete when all credentials have been received. Applicants are encouraged to apply early in the senior year of high school.
2. Request that an official secondary or home school transcript (with a minimum of six semesters)* be sent to SBU.
3. Request the official transcript for any college work completed (including dual credit).
4. Take the American College Test (ACT) or the Scholastic Aptitude Test (SAT) and have score reports sent to the Office of Admissions. SBU's ACT code is 2368; its SAT code is 6664. The Application for Admission may be submitted before taking the test.

*To comply with the Higher Education Act, which requires colleges to evaluate the validity of a student's high school completion, the admissions office requires the submission of official high school transcripts (i.e., from schools with a CEEB code, with a high school seal and/or official signature). For transcripts from schools without a CEEB code, the admissions office will investigate to confirm the school is recognized by the state department of education or home school association. The admissions office may request a copy of the student's diploma at any point for verification. If the diploma is determined invalid, a GED may be required for admission consideration.

Upon admission, the following steps are required before a student will be allowed to enroll. Notification and documentation (as applies) for each step will be sent after the previous step is completed.

1. Submit a $200 non-refundable enrollment deposit.
2. Complete and return the New Student Housing Request **OR** the Off-Campus Housing (see Off-Campus Housing section of this catalog to determine eligibility).
3. Sign and return the Student Principles and Expectations. All admitted applicants are required to sign that they have read and agree to adhere to the University's rules and uphold all expectations.
4. Submit appropriate health records. Immunization records must be forwarded to the Office of Admissions prior to enrollment. In most cases, these records may be obtained from the high school records office.
5. Complete and return the Disclosure of Disability. All admitted applicants are required to file with the Dean of Enrollment Management a statement as to their desire or refusal of special provisions while enrolled at Southwest Baptist University.
6. Admitted applicants must request a final official transcript from their high school, reflecting senior year credits, grades, final class rank, and statement of graduation.

Transfer Students

1. File a completed Application for Admission. This form should be accompanied by a $30 nonrefundable application fee. Notification of acceptance is on a rolling basis. An application file is considered complete when all credentials have been received.
2. Request that the high school send an official transcript of credits, including grade point average and rank in class.
3. Request official transcripts of all previous college work.
4. Have ACT or SAT scores forwarded to SBU if tests have been taken. Applicants who have not taken the ACT or SAT test may be required to do so if placement information is needed for math or English classes. SBU's ACT code is 2368; its SAT code is 6664. The Application for Admission may be submitted before taking the test.

Upon admission, the following steps are required before a student will be allowed to enroll. Notification and documentation (as applies) for each step will be sent after the previous step is completed.

1. Submit a $200 non-refundable enrollment deposit.
2. Complete and return the New Student Housing Request **OR** the Off-Campus Housing (see Off-Campus Housing section of this catalog to determine eligibility).
3. Sign and return the Student Principles and Expectations. All admitted applicants are required to sign that they have read and agree to adhere to the University's rules and uphold all expectations.
4. Submit appropriate health records. Immunization records must be forwarded to the Office of Admissions prior to enrollment. In most cases, these records may be obtained from the high school records office.
5. Complete and return the Disclosure of Disability. All admitted applicants are required to file with the Vice President for Enrollment Management a statement as to their desire or refusal of special provisions while enrolled at Southwest Baptist University.
6. Submit final transcripts of all college work (if not yet received) as soon as possible.

International Students

In order for an applicant to receive a Certificate of Eligibility (Immigration Form I 20), which is required of all foreign applicants entering the United States, the following conditions must be met:

1. The applicant must be formally admitted to the University as a full time student. This includes a completed application, a nonrefundable application fee of $100 U.S. currency and official transcripts of all academic work (secondary school and above). This process should be initiated at least four months prior to the desired semester of enrollment.
2. A student who has completed collegiate hours must have transcripts evaluated by one of the following agencies: Educational Credential Evaluators (ECE) www.ece.org or World Education Services (WES) www.wes.org. The student **must** request the course-by-course or detailed report evaluation. The fee for this service varies and must be paid by the student.
3. The applicant must submit an advance deposit in the form of a certified check or bank draft in the amount of one year's educational and living expenses. This amount will be put on account and will be available for the applicant’s use upon arrival.

4. When these conditions have been met, the Certificate of Eligibility (I 20) form will be issued to the applicant. **NOTICE: Under no circumstances should an applicant prepare to arrive in the United States until granted a student visa, final acceptance to Southwest Baptist University, and, where necessary, financial aid.**
5. All international students accepted for admission to Southwest Baptist University are required to purchase a12-month medical insurance policy from a United States based company prior to campus arrival. Once medical insurance is purchased, the student must provide documentation verifying the health policy to the University Health Center. A 12-month medical insurance policy must be maintained while the international student is attending SBU.
6. Admitted applicants are required to file with the Dean of Enrollment Management a statement as to their desire or refusal of special provisions while enrolled at Southwest Baptist University.

Upon admission, the following steps are required before an international student will be allowed to enroll. Notification and documentation (as applies) for each step will be sent after the previous step is completed.

1. Submit a $200 non-refundable enrollment deposit.
2. Complete and return the New Student Housing Request OR the Off-Campus Housing (see Off-Campus Housing section of this catalog to determine eligibility).
3. Sign and return the Student Principles and Expectations. All admitted applicants are required to sign that they have read and agree to adhere to the University's rules and uphold all expectations.
4. Submit appropriate health records. Immunization records must be forwarded to the Office of Undergraduate Admissions prior to enrollment. In most cases, these records may be obtained from the high school records office.
5. Complete and return the Disclosure of Disability. All admitted applicants are required to file with the Dean of Enrollment Management a statement as to their desire or refusal of special provisions while enrolled at Southwest Baptist University.
6. Admitted applicants must request a final official transcript from their high school, reflecting senior year credits, grades, final class rank, and statement of graduation.

Non-Degree Seeking Students

The applicant is required to submit an official high school transcript or the GED and may take up to 12 hours (except in English and mathematics) of college level work without having to take the ACT or SAT examination. These students will be classified as Special Students. If non-degree seeking students desire to take more than 12 hours, they must apply for admission to Southwest Baptist University.

Appeals Related to Admission

Appeals regarding admission to Southwest Baptist University are to be submitted in writing to the Director of Undergraduate Admissions. All decisions made by the Admissions Committee are final and will be communicated to the applicant in writing.

Disclosure of Disabilities

Admitted applicants who seek special academic provisions while enrolled at Southwest Baptist University are required to file a disclosure of disability statement to the Special Services Coordinator. The Disclosure of Disability form, along with external documentation of the disability, should be submitted to the Special Services Coordinator as soon as possible. Scheduling of classes, arrangement of housing in accessible facilities, and providing special academic assistance may require advance planning by the University.

Assessment

Assessment at SBU includes gathering information from students about student learning and student life, interpreting this information, and then using the information to improve instruction, student life, and student learning. Students at SBU are required to participate in this assessment program. Students at SBU participate in the following assessment activities:

Class	Assessment Instruments	Time of Administration
Freshmen	College Student Inventory	Fall
	Mid-Year Student Assessment	Each semester, various times*
	Faculty Evaluations & Campus Surveys	
Sophomores	Second-Year Student Assessment	Spring, 3rd party – web-only
	Faculty Evaluations & Campus Surveys	Each semester, various times*
Juniors	Faculty Evaluations & Campus Surveys	Each semester, various times*
Seniors	General Education Assessment	Each semester, various times*
	Major Field Test/ Exit Exams	Test administration for General
	Faculty Evaluations & Campus Surveys	Education is 1 hour and for the
		Major Field Test is 2.5 hours.
Graduate	Program Specific Exit Exams	Prior to graduation
	Satisfaction Surveys	Various times
	Faculty Evaluations & Campus Surveys	Each semester, various times*

*Tests will be administered on a first come/first served basis in Wheeler 137 starting the first business day of the month through the last business day of the month. Students are responsible for completing the test prior to the end of the month. Alumni also are sent surveys for the purpose of determining to what extent the university experience has helped to prepare them for their chosen professions and equipped them for responsible living and lifelong intellectual and spiritual growth.

Placement Information for English and Mathematics

ACT Scores

The chart below is a policy guide in the placement of new students into the proper English course at Southwest Baptist University using ACT scores.

ACT Enhanced Test Score	English Course	Course Title
ACT 0-17 in English	ENG 0103	English Skills
ACT 18 and above in English	ENG 1113	English Composition I
ACT 28 and above in English	ENG 1123	Honors Composition

NOTE: ENG 0103 does not meet the English general education requirement, nor does it carry college credit. It is necessary to develop the skills needed for success in future English courses.

The chart below is a policy guide in the placement of new students into the proper mathematics course at Southwest Baptist University using ACT scores.

For tests taken in 2017 and following

ACT Test Score	Math Course	Course Title for Recommended Placement in bold (other possible courses given as options)
ACT 0-16 in Math	MAT 0103	PreAlgebra
ACT 17-19 in Math	MAT 0123	Intermediate Algebra
ACT 20-23 in Math	MAT 1143	College Algebra
ACT 24-25 in Math	MAT 1143 MAT 1163** MAT 1193	College Algebra, PreCalculus, Business Calculus
ACT 26+ in Math	MAT 1143 MAT 1163** MAT 1193 or **MAT 1195**	College Algebra, PreCalculus, Business Calculus, **Calculus I**

**MAT 1163 is intended for students who have skills beyond College Algebra, but are not quite ready for Calculus I (or do not desire to take Calculus I).
NOTE: MAT 0103 and MAT 0123 do not meet the mathematics general education requirements, nor do they carry college credit. They are necessary to develop the skills needed for success in future mathematics courses.

For tests taken prior to 2017

Pre-Algebra/ Elementary Algebra Subscore	Intermediate Algebra/ Coordinate Geometry Subscore	Plane Geometry/ Trigonometry Subscore	Recommended Math Placement in bold (Other possible courses given as options)
1-8	Not applicable	Not applicable	**MAT 0103**-PreAlgebra
9-10	1-12	Not applicable	**MAT 0123**-Intermediate Algebra
9-10	13-18	Not applicable	**MAT 1143**-College Algebra
11-12	Not applicable	Not applicable	**MAT 1143**
13-18	1-12	Not applicable	**MAT 1143**
13-18	13-18	1-13	**MAT 1163-PreCalculus****, 1193-Business Calculus, or 1143
14-18	14-18	14-18	**MAT 1195**-Calculus I, 1193, 1163**, or 1143

**MAT 1163 is intended for students who have skills beyond College Algebra, but are not quite ready for Calculus I (or do not desire to take Calculus I).
NOTE: MAT 0103 and MAT 0123 do not meet the mathematics general education requirements, nor do they carry college credit. They are necessary to develop the skills needed for success in future mathematics courses.

Scholastic Aptitude Test (SAT) Scores

The policy charted below is a guide in the placement of new students into the proper English and mathematics courses at Southwest Baptist University using SAT scores.

SAT Scores – After 5/24/95	Course Number	Course Name
Verbal: 430 and below	ENG 0103	English Skills
Verbal: 440-620	ENG 1113	English Composition I
Verbal: 630 and above	ENG 1123	Honors Composition
Math: 380 and below	MAT 0103	PreAlgebra
Math: 390-450	MAT 0123	Intermediate Algebra
Math: 460-570	MAT 1143	College Algebra
Math: 580 and above	MAT 1195	Calculus I

Advanced Placement

Applicants may receive course credit through examination or through advanced placement courses taken in high school. The examination and/or advanced placement course must be equivalent to a course taught at Southwest Baptist University. Grade report should be submitted to Career Services. The student must submit a request to the College Board for an official AP grade report to be sent directly to Southwest Baptist University Career Services. When the official report is received, then the Registrar will record the hours on the student's transcript. (Note: Copies of the AP grade report will not be accepted.)

Advanced Placement Examinations (AP)

The Advanced Placement Examination is a national system of credit by examination. Applicants may receive course credit on an Advanced Placement Examination as follows:

Advanced Placement Examination	Score Required	Hours Granted	Institutional Courses Satisfied
Art History	3	3	FAR/ART 1013 Introduction to Art
Biology	3	4	BIO 1004 Principles of Biology
Calculus AB	3	5	MAT 1195 Calculus I
Calculus BC	3	10	MAT 1195 Calculus I & MAT 2255 Calculus II
Chemistry*	3	4	CHE 1104 Principles of Chemistry
	4 or 5	5	CHE 1115 General Chemistry I
Computer Science A	3	3	CIS 1033 Foundations of Computer Science
	4 or 5	4	CIS 1144 Computer Science I
Computer Science AB	4 or 5	4	CIS 1144 Computer Science I
English Language and Composition	3	3	ENG 1113 English Composition I
English Literature and Composition	3	3	ENG 2213 English Composition II
Environmental Science	4	4	BIO 2214 Environmental Biology
European History	3	3	HUM 1953 Cultural Studies
French Language	3	8	FRE 1114/1124 Elem. French I/Elem. French II
French Literature	3	3	FRE 2000 level elective
German Language	3	8	GER 1114/1124 Elem. German I/Elem. German II
Government & Politics: Comparative	3	3	POL 2000 level elective
Government & Politics: United States	3	3	POL 1113 American Government
Human Geography	3	3	GEO 1103 Geography
Latin: Vergil	3	3	HUM 2000 level elective
Latin Literature	3	3	HUM 2000 level elective
Music Theory	3	1	MUS 1601 Music Fundamentals Lab
	4 or 5	4	MUS 1613 Theory I and MUS 1611 SS/ET I
Physics B*	3	3	PHY 2000 level elective
Physics C: Mechanics*; Physics 1	3	5	PHY 1115 General Physics I
	4 or 5	5	PHY 2215 University Physics I
Physics C: Electricity and Magnetism*; Physics 2	3	5	PHY 1125 General Physics II
Psychology	3	3	PSY 1013 General Psychology
Spanish Language	3	8	SPA 1114/1124 Elem. Spanish I/Elem. Spanish II
Spanish Literature	3	3	SPA 2000 level elective
Statistics	3	3	MAT 2953 Special Topics or PSY/SOC 2000 Special Topics (equivalent of PSY/SOC 3243 Elem Statistics)
Studio Art – Drawing	3	3	ART 1203 Drawing I
U.S. History	3	6	HIS 2213/HIS 2223 History of the US, 1492-1865 and History of the US, 1865-Present
World History	3	6	HIS 1113/1123 World Civilization I and World Civilization II

* Proof of extensive lab work is required. This may be in the form of a letter from the high school instructor, a completed lab notebook, or samples of graded lab work.

British A Level Examinations

1. Advanced standing may be awarded for A level examinations for the General Certificate of Secondary Education with a grade of A, B, or C.
2. The examinations must be administered by an examinations board that is recognized for university entry in the United Kingdom.
3. The total credit for each examination may not exceed 6 semester hours, and total advanced standing credit awarded may not exceed 20 semester hours.
4. Certified copies of the examination transcript must be on file in the Registrar's office.
5. Examinations in the sciences must include a laboratory component.
6. Examinations in foreign language must include a conversation component.

International Baccalaureate

1. Advanced standing may be awarded for certificate and diploma credits. The table below provides information about specific course credit and scores needed for a particular exam.
2. The total credit for each examination may not exceed 14 semester hours for any specific exam. If the student has a Diploma, the total advanced standing credit awarded may not exceed 30 semester hours. Certificates will be evaluated on an individual course basis.
3. Contact the Registrar to inquire about an exam not listed below.
4. Official transcripts must be issued by the International Baccalaureate North American Office and be on file in the Registrar's office.
5. Qualifying examinations in the sciences that do not include an extensive laboratory component will receive credit for a maximum of 3 semester credit hours.
6. Examinations in foreign language must include a conversation component.

	Minimum Score (Standard Level Exam)	SBU Equivalency	Minimum Score (Higher Level Exam)	SBU Equivalency
Art/Design (Visual Art)	6	ART/FAR 1013	5	ART/FAR 1013
Art/Design (Visual Art			7	ART/FAR 1013 & ART 1103
Language A1 (Best Language)	5	ENG 2312	4	ENG 2312
Language B – French	5	FRE 1114	4	FRE 1114 & 1124
Language B – German	5	GER 1114	4	GER 1114 & 1124
Language B – Spanish	5	SPA 1114	4	SPA 1114 & 1124
Language B – Spanish			6	SPA 1114, 1124, 2213 & 2223
Economics	5	ECO 1953	4	ECO 1953
Geography	5	GEO 1103	4	GEO 1103
History	5	HUM 1953	4	HUM 1953
History of the Islamic World			5	HIS 2953
Philosophy	5	PHI 2013	4	PHI 2013
Psychology	5	PSY 1013	4	PSY 1013
Psychology			6	PSY 1013 & 2953
Social & Cultural Anthropology			6	SOC 2943
Biology (with extensive lab work)	5	BIO 1954	4	BIO 1954
	Minimum Score (Standard Level Exam)	**SBU Equivalency**	**Minimum Score (Higher Level Exam)**	**SBU Equivalency**
Chemistry (without extensive lab work)			4	CHE 1000
Chemistry (with extensive lab work)	5	CHE 1104	4	CHE 1104
Chemistry (with extensive lab work)			6	CHE 1115 & 1125
Physics (without extensive lab work)			4	PHY 1000
Physics (with extensive lab work)	5	PHY 1115	4	PHY 1115

Physics (with extensive lab work)			6	PHY 1115 & 1125
Environmental Systems	5	BIO 2214		
Mathematics	5	MAT 1953	4	MAT 1195
Mathematics Higher Level			6	MAT 1195 & 2255
Information Technology in Global Society			5	CIS 1103
Computer Science (Common Core)	5	CIS 1103	5 (if in Java or C++)	CIS 1103 & 1144
Computer Science (Additional HL Material)			5 (if in Java or C++)	CIS 1154
Music	5	FAR 1023	4	FAR 1023
Theatre Arts	5	FAR 1033	4	FAR 1033

Veterans

Southwest Baptist University is approved for the education of veterans and their dependents under Chapters 30, 31, 34, 35 and 1606, Title 38, U.S. Code. According to the recommendations of the American Council of Education, credit may be granted for courses completed while in military service.

Credit By Examination

To be eligible to receive credit by examination, applicants must not have earned more than 90 hours of university credit and may not have received university credit or any credit for any course within the academic discipline covered by the exam. Transcripts for all post-secondary work attempted must be on file in the SBU Registrar's office before applicants may apply for any of the below mentioned tests. Students may receive a maximum of 32 hours of credit by examination for a bachelor's degree or 16 hours for an associate degree.

College-Level Examination Program (CLEP)

The University Testing Center, located in Wheeler 137, administers the College-Level Examination Program (CLEP). This is a national system of credit-by-examination prepared by Educational Testing Services. There is a $50 fee for administering the exam (payable to SBU) and a CLEP registration fee (currently $80). The CLEP exams that have been approved for SBU equivalency are listed below and on the web site for Career Services. Upon successful passage of the examination and payment of the transcription fee the Registrar will record the hours on the student's transcript.

CLEP Exam Title	Required Score	Hours Granted	SBU Equivalent Course(s)
Composition and Literature			
American Literature**	50	3	ENG 2000 elective
Analyzing and Interpreting Literature	50	3	ENG 2000 elective
College Composition *	50	3	ENG 1113 English Composition I
English Literature**	50	3	ENG 2000 elective
Foreign Languages			
French Language – Level 1 (2 semesters)	50	8	FRE 1114/1124 Elem. French I/Elem. French II
French Language – Level 2 (4 semesters)	59	14	FRE 1114/1124 Elem. French I/Elem. French II FRE 2213/2223 Inter. French I/Inter. French II
German Language – Level 1 (2 semesters)	50	8	GER 1114/1124 Elem. German I/Elem. German II
German Language – Level 2 (4 semesters)	60	14	GER 1114/1124 Elem. Germ. I/Elem. Germ. II GER 2213/2223 Inter. Germ. I/Inter. Germ. II
Spanish Language – Level 1 (2 semesters)	50	8	SPA 1114/1124 Elem. Spanish I/Elem. Spanish II

Spanish Language – Level 2 (4 semesters)	63	14	SPA 1114/1124 Elem. Span. I/Elem. Span. II SPA 2213/2223 Inter. Span. I/Inter. Span. II
Social Science and History			
American Government	50	3	POL 1113 American Government and Politics
History of US I: Early Colonization-1877	50	3	HIS 2213 History of the US, 1492-1865
History of US II: 1865 to the Present	50	3	HIS 2223 History of the US, 1865-Present
Human Growth and Development	50	3	PSY 3063 Human Growth and Development
Humanities	50	3	FAR 1003 Introduction to Fine Arts
Introductory Psychology	50	3	PSY 1013 General Psychology
Introductory Sociology	50	3	SOC 1003 Introductory Sociology
Western Civilization I: Ancient Near East to 1648	50	3	HIS 1113 Intro to History of World Civilization: Early – Renaissance
Western Civilization II: 1648 to the Present	50	3	HIS 1123 Intro to History of World Civilization: Renaissance – Present
Science and Mathematics			
Biology+	50	4	BIO 1953 Principles of Biology & BIO 1951 Biology Lab
Calculus	50	5	MAT 1195 Calculus I
College Algebra	50	3	MAT 1143 College Algebra
PreCalculus	50	3	MAT 1163 PreCalculus
Business			
Financial Accounting	50	3	ACC 2013 Principles of Financial Accounting

* If the student makes an ACT English score of 28 or higher, or an SAT verbal score of 630 or higher, the Department of Language and Literature advises the student not to take the CLEP College Composition examination, but to enroll in ENG 1123 (Honors Composition).
** This CLEP examination will not substitute for specific general education or English major course requirements.
+ Biology CLEP examinees should contact the Biology Department Chair regarding proof of extensive lab work before registering for the exam.

Departmental Examination

Departmental examinations are tests prepared by professors on campus. Each departmental test is approximately two hours in length and is comparable to a comprehensive final examination in the course for which it is designed. Students wishing to take departmental examinations should contact the respective department chair. There is a $30 fee for administering the examination. Upon successful passage of the examination, the student must pay $40 per credit hour transcription fee to the Accounting Office (Cashier), and then the Registrar will record the hours on the student's transcript.

FINANCIAL INFORMATION

Tuition and Fees for Undergraduates

We strive to partner with you and your family to make your Southwest Baptist University education a reality. Financial support, from the Missouri Baptist Convention, the Bolivar community, alumni, and other sources, enables the institution to keep our students' costs below that of most private, higher education institutions. Students are encouraged to keep their personal finances within moderate limits. Students should budget for personal and transportation expenses as well as reasonable amounts for clothing, entertainment, and incidental expenses.

The University does not provide banking services on campus. The Bolivar community offers several banks, all of which provide for personal accounts. An ATM is available on campus for the convenience of our students. All students working for the University are paid by direct deposit. Because of this, each student employee of the University must have an active checking or savings account on which his or her name is shown as one of the owners of the account.

The University reserves the right to adjust or revise charges at any time during the year.

Enrollment Deposit: $200

Undergraduate Tuition, Fees, and Room and Board in University Housing

	Per Semester	Total Fall/Spring
Tuition (12 - 18 hours) Tuition above 18 hours - per credit hour- $600	$11,200	$22,400
Room – Standard Dorm Room With Fees*	$1,700	$3,400
Cafeteria – Standard 20 Meal Plan	$2,100	$4,200
Mandatory Fees – Student Services Fees	$445	$890
TOTAL Tuition, Room, Board and Fees for Standard Undergraduate Accommodations in University Housing**	$15,445	$30,890

Undergraduate Tuition and Fees for Off-campus Housing

	Per Semester	Total Fall/Spring
Tuition (12 - 18 hours) Tuition above 18 hours - per credit hour- $600	$11,200	$22,400
Mandatory Fees – Student Services Fees	$445	$890
TOTAL Tuition and Fees for Off-campus Housing**	$11,645	$23,290

NOTE: All mandatory fees are non-refundable.

NOTE: The University charges, shown above, are prior to a student being awarded private or federal financial aid or University scholarships. See pp. 33 and following for this important information.

*The charges shown are for a standard dorm room with fees. Charges for dorm rooms with fees vary based on dorm style, as listed on the following pages.
**Amounts presented above do not include required course/lab fees. See course descriptions in catalog and/or semester course schedule listing *(The Course Source).*

Undergraduate Tuition and Fees, Branch Campuses/Off-Campus Sites (all semesters)

Tuition - per credit hour
- Mountain View $180
- Salem
  - LPN Bridge courses $475
  - All other courses $180
- Springfield
  - General courses $255
  - ASN courses $485
  - ASN Lab Fee per semester $175
  - BSN courses $365
  - HSC courses $360
  - Paramedic courses $260
  - Radiography courses $275
- Professional fees for nursing courses are listed in the catalog description of courses.

Auditing Fee ..... $95 per credit hour

Mandatory Fees - per semester
- Assessment fees
  - ASN program $250
  - Less than full time (non-ASN) $20
  - Full time (12 hours or more)(non-ASN) $25
- Library fees
  - ASN ..... $25 per credit hour
- Technology fee (12 or more hours/semester) $143
- Technology fee (6-11 hours per/semester) $143
- Technology fee (Less than 6 hours/semester) $125

Other Charges
- ASN enrollment deposit $200
- ASN, ASR, HSC new student fee $175
- BSN new student fee $195

All mandatory fees are non-refundable.

J-Terms (January, June, July)

Summer (June and July) 2018 Costs (Bolivar campus)

Undergraduate
- Tuition ..... $350 per credit hour
- Dorm room ..... $440 per term/$120 per week
- 15 Meal Plan ..... $500 per term/$140 per week
- Student Services fee ..... $85 per term

Winterfest (January) 2018 Costs (Bolivar campus)

Undergraduate
- Tuition ..... $325 per credit hour
- Dorm room ..... $330 per term/$120 per week
- 20 Meal Plan ..... $355 per term/$140 per week
- Student Services fee ..... $75 per term

OLIS (Online Independent Study) Fees

- Tuition - per credit hour .....see tuition by campus
- Handling fee - per course, non-refundable $25
- Extension fee - per credit hour, per course, non-refundable $25

Online Course Fees

- Tuition - per credit hour $325
- Student Technology fee - per term $35

Part-Time (less than 12 hours) Student Fees (Bolivar campus)

- Undergraduate tuition - per credit hour $865
- Undergraduate audit - per credit hour $95
- Dually Enrolled tuition - per credit hour $95
- Polk County Opportunity tuition – per credit hour $95
- Student Services fee - per semester
  - 1-5 hours $185
  - 6-11 hours $434

All mandatory fees are non-refundable.

Special Fees (Non Refundable)

(Charged to students using the designated service)
- Change of final examination fee $30
- Department exam testing fee $30
- Transcripting fee - per credit hour $40
- Dishonored check fee $25
- Lab/course fees ..... see course descriptions
- Late registration fee $200
- Fee for withdrawal from class after last day to add classes - per class $75
- Student Association fee for all ASN, ASR, HSC, BSN, and MSN students (per semester) $15
- Student teaching fee $600

Graduation Fees

- Associate of Arts $120
- Associate of Applied Science $120
- Associate of Science in Nursing $160
- Associate of Science in Radiography $160
- Associate of Science $120
- Bachelor of Arts $120
- Bachelor of Science $120
- Bachelor of Applied Science $120
- Bachelor of Science in Nursing $150
- Bachelor of Music $120

Dormitory Fees – per semester

- Beasley Hall $1,700
- Casebolt Apartments $2,200
- Landen Hall $1,700
- Leslie Hall $1,700
- Memorial Hall $1,700
- Meyer Hall $1,800
- Plaster Lodge $1,800
- Roseman Apartments $2,200
- Woody-Gott Hall $1,750

Registration Procedures by Campus

Registration for the Bolivar campus

The registration process consists of the following events:

1. **Paying a $200** registration pre-payment (Freshmen only).
2. **Registering for classes** with advisor.
3. **Receiving a billing packet** that contains the bill for the classes chosen, payment plan information, and other pertinent information relating to finalizing the registration process.
4. **Finalizing registration** by making full payment of the bill or making financial arrangements for full payment of the bill through scholarships, federal financial aid, or an acceptable payment plan. The billing packet will have a due date for completion, which must be met to avoid a late registration fee.

Registration for the Springfield campus

The registration process consists of the following events:

1. **Students are required to register during the published registration period.** All other registrations are considered late registrations (see Late Registration Finalization for Springfield campus for details).
2. **Current SBU Springfield ASN/BSN/HSC students** may self-register online if their account is in good standing and they have met with their academic advisor prior to registration. Pre-nursing and all other students are required to meet with an academic advisor and are not eligible to self-register online.
3. **Receiving a billing packet** that contains the bill for the classes chosen, a schedule of chosen classes, payment plan information, and other pertinent information relating to finalizing the registration process.
4. **Finalizing registration** by making full payment of the bill or making financial arrangements for full payment of the bill through scholarships, federal financial aid, or an acceptable payment plan. The billing packet will have a due date for completion.

Registration for the Mountain View or Salem Campuses

Prospective students should contact the Mountain View or Salem campuses directly for information about registration.

Late Registration Finalization for the Springfield campus only

Any student who has not registered during the published registration period is considered a late registration. Late registrations may require proof of financial aid eligibility and/or payment may be required by the published payment deadline.

Late Registration Finalization for the Bolivar, Mountain View and Salem Campuses

Late registration finalization is permitted after classes begin until the published last date to add classes**. However, students failing to finalize registration by the due date will be billed a late registration fee of $200.**

Those students not registered by the first day of classes will **not** be immediately billed the $200 fee. However, the students should be prepared to register and finalize registration at the time of selecting their classes. The late registration fee of $200 will be billed to those students not registering by the first day of classes if finalization of registration **has not been completed within one week** from the date of registration.

Payment of Accounts

All charges for tuition, fees, and room and board are due in full at the beginning of each semester. These expenses will be reduced by any appropriate financial aid (scholarships, federal aid, etc.) and loans. The net amount due can be set up on a pre-approved payment arrangement provided by the University. For complete information on payment arrangements, contact the University's Office of Credit and Collections.

Student's Financial Responsibility

ANY STUDENT WHO IS FOUND TO BE NEGLIGENT IN MAKING ADEQUATE ARRANGEMENTS TO PAY HIS OR HER ACCOUNT OR IS NEGLIGENT IN ABIDING BY THE ARRANGEMENTS MADE TO PAY HIS OR HER ACCOUNT IS SUBJECT TO IMMEDIATE DISMISSAL**. No student is permitted to finalize registration until all account balances have been settled or satisfactory arrangements have been made with the Office of Credit and**

Collections. To aid students in paying accounts, the University offers a variety of financial avenues (see scholarships, loans, grants, and work study). Interest will be charged on unpaid balances at an annual rate of 9%. Delinquent accounts requiring additional collection efforts will be subject to the costs incurred for collection, including, but not limited to, legal fees and collection agency costs.

Tuition Refund Policy

The University has three basic semester terms: (1) Fall/spring semester, (2) Winterfest/four-week summer term, and (3) eight-week summer term. These are generally defined as:

1. Fall/spring semester: 16 week semester having 75 class days (15 weeks of five days each) and final exams
2. Winterfest/four-week summer term: three or four week term having 15 class days and final exams
3. Eight-week summer term: eight-week term having 31 days of classes and final exams

The following refund policy relates to the above structure:

	Fall/Spring	Eight-Week	Winterfest/Four-Week
Prior to First Day of Class	100%	100%	100%
During first 5 days of semester or term	100%	100%	75%
During next 5 days of semester or term	75%	75%	50%
During next 5 days of semester or term	50%	25%	0%

Classes may meet on a regular basis throughout the week or on a once-per-week basis. This policy counts class days as if all classes were meeting each week day. If a term or semester begins on a Tuesday then the first five class days are counted as that first Tuesday through the following Monday. If a term or semester begins on a Monday, the first five class days are counted as that first Monday through Friday. If a term or semester begins on a Monday and a student's first course of the term or semester has its first class on that Friday, for purposes of the refund calculation, by the end of that Friday, the first five days of the term will have expired. Withdrawal dates for online classes are determined by the last date the student logged into the course. For purposes of the refund calculation, if the last log-in date is on a weekend, the last date of attendance is considered to be the previous Friday.

Other classes that meet on a term that is not defined above (one weekend, etc.) will be allowed a 100% refund if the withdrawal occurs before the first class. Withdrawals during the term will be proportionately based on the fall/spring chart.

OLIS Course Refunds

Refunds on the tuition charges for **OLIS courses** will be according to the following schedule:

From date of registration:
- 0 to 30 calendar days..... 100% tuition
- After 30 calendar days .....No refund

Housing and Board Refunds

Refund on housing and board (cafeteria plan) charges, excluding the housing deposit, will be according to the following schedule:

Withdrawal from school or from housing:
- Prior to the start of classes..... 100% refund
- Before the fifth class day..... 90% refund
- After the fifth class day .....No refund

Special Circumstance Tuition Refunds

Students may request the special circumstances refund withdrawal calculation if they must withdraw for the following reasons:

1. Illness, certified by a physician (copy of physician's request to withdraw required)
2. Students called into active military duty (copy of orders required)

The tuition, room and board charges will be refunded based on the percent of the term attended. Financial assistance will be cancelled based on institutional and federal policies. (Students should contact the Office of Financial Aid for further details).

The Special Circumstance Request Form must be submitted prior to the end of classes for the term in which the special circumstance occurs.

Cancellation of Federal Financial Assistance

Students who have been awarded federal financial assistance from the University and withdraw from school or cease to attend classes are subject to the cancellation of their federal financial assistance and the removal of the awards previously credited to their accounts. **Non-attendance of classes does not constitute official withdrawal from the University. Students must complete the official withdrawal process through the University. Applicable refunds for students receiving federal and/or state financial aid funds will be calculated in reference to the student's last date of documented attendance.**

Warning: Students who drop classes during the institutional refund period which causes their enrollment to be other than full-time status will be considered ineligible for full federal financial assistance awards. Federal financial assistance credit will be removed from a student's account in accordance to the lower number of credit hours.

Cancellation of federal financial assistance will be made in accordance with current federal regulations and will be processed by the Office of Financial Aid. For information concerning the current federal financial assistance cancellation policies, students should contact the Director of Financial Aid.

Cancellation of Other Financial Assistance and Scholarships

Scholarship and other institutional awards are subject to cancellation and the removal of credit from the students account if they withdraw from school, cease to attend classes or are deemed ineligible due to their status of less than full-time. (Exception: Students attending other than the Bolivar campus may be eligible to receive limited private scholarship awards if attending less than full-time.)

Before dropping a class or withdrawing from school, students should consult with their academic advisor, and contact the Office of Financial Aid to determine the financial impact of their decision.

1) **Dropping Classes**
   Students who drop a class during the institutional refund period will lose eligibility for scholarships, should that dropped class put them below the hour requirements as specified for that scholarship.

2) **Withdrawing from School**
   Students who withdraw from school during the institutional refund period will have scholarships prorated based on the tuition refund for that semester. Students who withdraw after the institutional refund period will maintain scholarships that have been awarded for the semester.

Transcripts

Requests for transcripts must be made in person or on the web via the National Student Clearinghouse. Requests are on the website http://www.sbuniv.edu/Reg/transcript.HTM. Click on National Student Clearinghouse, which is highlighted in blue. On their website, scroll down and click on the bottom Order Transcript.

No transcript will be released until all accounts at the University have been paid in full. Additionally, Perkins/National Direct Student Loan repayments must be current and student loan exit interviews must be completed.

Transcript fees are as follows:
Official Transcripts in person are $8.00 for 24 to 48 hour delivery; $15 for immediate delivery. The official transcript is printed on security paper with the University Seal and the signature of the Registrar. Unofficial Transcript - hand delivered in person - $5.00; $7.00 if we fax it. The unofficial transcript does not carry the University Seal or the signature of the Registrar.

University Scholarships

Southwest Baptist University provides scholarships to worthy undergraduate students attending the Bolivar campus who are of high scholastic rank and to those in certain special categories. Requests for scholarships should be addressed to the Office of Admissions, unless otherwise indicated in the provisions for a particular scholarship.

General Regulations

1. Undergraduate scholarship recipients must be enrolled full time (12 hours or more) at the **Bolivar campus** to qualify for scholarships unless otherwise stated in the individual description of the scholarship. Exception: Students enrolled in at least 6 credit hours of undergraduate classroom course work during the final semester of their degree program prior to graduation may receive all institutional scholarships for which they are eligible up to their charges for that semester.
2. Students will receive the scholarships for which they are eligible and recommended, provided (a) they have supplied all necessary information and required forms within the deadline dates and (b) their total financial aid provided by the University does not exceed their college costs (as indicated by the catalog) or violate the conditions for receiving the assistance.
3. Scholarships are awarded on an annual basis reflecting credits earned in the fall and spring semesters only and not for the January or summer terms. Renewal, where applicable, is on an annual basis. Because recipients of scholarships normally can complete their degrees in eight semesters, recipients are ineligible for scholarships beyond the tenth semester, regardless of whether they have received 10 semester awards under the scholarship. **Limited scholarships are available for graduate studies.**
4. Institutional scholarship values listed in this catalog apply to students planning to enter SBU during this catalog's academic year. Returning student institutional scholarship values are listed in catalog year for which the student began at SBU and are subject to change at the discretion of the University.
5. Failure to abide by regulations regarding academic achievement and conduct may result in cancellation of the scholarship.
6. Scholarship awards are subject to cancellation and the removal of credit from students' accounts if they withdraw from school, cease to attend classes, or are deemed ineligible due to failure to maintain full-time status. (See Cancellation of Scholarships Policy.)
7. Deadlines for submitting applications, required documents, or data have been set by the administration of the University. Failure to adhere to the criteria for each scholarship may make students ineligible to receive awards at a later date.
8. All scholarships provided by the University, other than those funded through other sources, are subject to future action by the University, either to limit or discontinue the same.
9. All scholarships require a 2.00 minimum GPA for renewal, unless otherwise stated.
10. Institutional and non-institutional aid may not exceed the total cost of attendance. In such instances, institutional aid will be reduced.
11. Scholarships and grants received by degree-seeking students are tax free to the extent used for tuition, fees, books, and supplies during the grant period. To determine potential tax liability, students and their families should consult a personal tax advisor or view IRS Publication 520 on the Internal Revenue Service Web site at www.IRS.gov.

Scholarship assistance for qualified students, as described below, originates from many sources. Many individuals and organizations have made generous gifts to Southwest Baptist University. Therefore, recipients of scholarships should demonstrate fidelity to the University, denomination, and Christian ideals that have prompted individuals and organizations to provide these scholarships.

Academic Scholarships
First-time Freshmen Students

J.R. Maupin Founders Award

This academic award, named for one of SBU's founders, is a full-tuition scholarship. To be eligible to apply for this scholarship, students must show academic excellence of a 3.85 GPA and a 30+ ACT/1340 + SAT. Eligible students receive an application for the scholarship shortly after admission. Students must complete the scholarship application process to be considered for one of the scholarships offered. Students receiving this scholarship are not eligible for any other SBU scholarship funds All J.R. Maupin applicants are guaranteed the Ingman Distinguished Scholars Award. Students must be enrolled full-time, and maintain a 3.25 cumulative GPA for annual renewal.

Dutile Scholars Award
This academic scholarship is valued between $500-$2500. If you qualify for the Ingman Distinguished Scholars Award or the Pike Scholars Award, then you may apply for this scholarship. To apply, complete the Scholars Application prior to the deadline and attend Scholars Day.

Ingman Distinguished Scholars Award
This academic scholarship is valued at $12,000* a year for four years as long as you maintain the required GPA (2.000 cum), live in on-campus housing, and stay enrolled as a full-time student.

Pike Scholars Award
This academic scholarship is valued at $10,000* a year for four years as long as you maintain the required GPA (2.000 cum), live in on-campus housing, and stay enrolled as a full-time student.

Board of Trustees Scholars Award
This academic scholarship is valued at $10,000* a year for four years as long as you maintain the required GPA (2.000 cum), live in on-campus housing, and stay enrolled as a full-time student.

Presidential Scholars Award
This academic scholarship is valued at $8,500* a year for four years as long as you maintain the required GPA (2.000 cum), live in on-campus housing, and stay enrolled as a full-time student.

***SBU Residency Grant**
$2,500 of each of the academic scholarships listed in this section will be credited as an SBU Residency Grant. To receive this portion of the scholarship you must be living in campus housing.

Academic Scholarships
Transfer Students

J.C. Pike Transfer Award
This academic scholarship is valued at $9,500* a year for four years as long as you maintain the required GPA (2.000 cum), live in on-campus housing, and stay enrolled as a full-time student.

Board of Trustees Transfer Award
This academic scholarship is valued at $9,000* a year for four years as long as you maintain the required GPA (2.000 cum), live in on-campus housing, and stay enrolled as a full-time student.

Presidential Transfer Award
This academic scholarship is valued at $8,000* a year for four years as long as you maintain the required GPA (2.000 cum), live in on-campus housing, and stay enrolled as a full-time student.

SBU Transfer Grant
This grant is valued at $6,000* a year for four years as long as you maintain the required GPA (2.000 cum), live in on-campus housing, and stay enrolled as a full-time student.

***SBU Residency Grant**
$2,500 of each of the academic scholarships listed in this section will be credited as an SBU Residency Grant. To receive this portion of the scholarship you must be living in campus housing.

Church-Related Scholarships

Church-Related Vocation Scholarship
The Church-Related Vocation Scholarship is $2,000 per year. Recipients of this award must major in Biblical Studies, Christian Ministries, Religious Studies, Intercultural Studies, Church Music or Church Recreation. Students must submit

applications and other required supporting documentation. Recipients are expected to participate in Southwest Baptist University's In-Service Training Program and must complete The Baptist Denomination (THE 3023).

Dependent of Church Minister Scholarship

The Dependent of Church Minister Scholarship is an annual award of $1,000. In order to qualify the student must meet one of the following criteria: 1) Spouse or dependent unmarried son/daughter of person engaged as church-related vocation professional, or 2) spouse or dependent unmarried son/daughter of retired or deceased church-related vocation professional (as long as the deceased person's spouse has not remarried), or 3) spouse of church-related vocation majors enrolled at Southwest Baptist University. Application required.

Performance Scholarships

Art Scholarship

Art scholarships are available to students who demonstrate outstanding ability in art. Recipients are required to major in art. Inquiries should be directed to, and scholarship forms may be obtained from the Department of Art. Portfolios and applications are due by the end of the fall semester for the following academic year.

Athletic Scholarship

Scholarships are available to selected individuals who exhibit athletic skill and academic promise. Satisfactory academic progress must be shown each year in order for aid to be continued. Scholarships are offered to men for basketball, football, baseball, golf, cross country/track, and tennis programs. Scholarships are offered to women for basketball, softball, volleyball, cross country/track, soccer, and tennis programs. Questions concerning athletic scholarships should be directed to the coach of each particular sport or to the Director of Athletics.

Music Scholarship

Scholarships are available to selected students who demonstrate special skill in voice, piano, organ, strings, or wind/percussion instruments. Auditions are required. Information concerning procedures, dates of auditions, and requirements may be obtained by contacting the Department of Music. To retain a music performance scholarship, students must satisfactorily perform in their appropriate ensembles and maintain a GPA of at least 2.00.

Speech and Debate Scholarship

Scholarships are available to students who demonstrate outstanding abilities in individual speaking and/or debate. Recipients are not required to major or minor in communication but are expected to participate as active and productive members of the intercollegiate speech and debate team. Scholarships are awarded on the basis of past achievements, grades, recommendations, the potential for strong team citizenship, and promise of success. Inquiries should be directed to Dr. David Bailey, Director of Forensics and Chair of the Bob R. Derryberry School of Communication Arts. Awards are approved on a semester basis for selected students who maintain at least a 3.00 GPA.

Theatre Scholarship

Theatre scholarships are available to students who demonstrate outstanding abilities in drama. Recipients are required to major or minor in theatre or communications and are expected to participate in university dramatic productions. Scholarships are awarded on the basis of past achievement, grades, recommendations, and promise of success. Inquiries should be directed to the Theatre Office. Recipients must maintain at least a 2.00 GPA.

Special Scholarships

Church Matching Scholarship

A student's **home** church may contribute any dollar amount the church chooses (fall and spring only); SBU will match those church funds with a maximum of $500 ($250 fall/$250 spring). An agreement between SBU and the student's home church is required. Church funds and required form(s) must be received by SBU during the semester for which the funds are intended. To benefit the student, it is recommended that SBU receive church contributions and form(s) by July 1 for the fall semester/year and/or December 1 for the spring semester. An interested student must submit the name of his or her home church, the church address, and a contact person at the church to the Financial Aid Office. Required forms will be mailed annually to the home church in early May.

Dependent of Missionary Scholarship
$1000 annually if you have a parent or spouse who is currently serving on the mission field with the International Mission Board (IMB), North American Mission Board (NAMB), or another approved missions organization. The student must be enrolled full-time and maintain a 2.00 cumulative GPA.

Missouri Minority Teaching Scholarship
The Missouri Minority Teaching Scholarship is a renewable (upon application for up to four years), $3,000 scholarship. Two-thirds of the scholarship is paid by the State of Missouri and one-third is paid by the University. Application deadline of February 15 is established by the State of Missouri. Information regarding application procedures may be obtained from the Office of Teacher Education. Scholarship recipients must teach in a Missouri public school for five years after receiving certification or the scholarship converts to a loan that must be repaid. The Missouri Minority Teaching Scholarship is administered by the Missouri Department of Higher Education (MDHE).

SBU Sibling Scholarship
SBU offers a scholarship to students who have an undergraduate sibling from the same household who will both be attending the Bolivar campus. The amount of the award is $500 per year for each student. The scholarship will be renewed if the sibling continues to be a Bolivar student and/or graduates from SBU.

Other Institutional Scholarships
Southwest Baptist offers a limited number of other institutional scholarships that are awarded by the Office of Financial Aid to incoming students with special needs. Students must be full-time and make academic progress for the award to be renewed. Renewal is also contingent upon the availability of funds.

Private Scholarships

Friends of the University have provided both endowed and non-endowed scholarship funds for qualified undergraduate students attending the Bolivar campus. Current students may obtain complete information about private scholarships from the Office of Student Financial Aid. New students should contact their admissions representative.

A limited number of private scholarships are available to students attending branch campuses. Interested students may contact the branch campus of attendance for more information.

Federal or State Assistance Programs

Southwest Baptist University offers a comprehensive financial assistance program designed to recognize student financial needs and to meet these needs with a combination of university, federal, state, and private assistance sources. Most assistance is awarded on the basis of financial need, and the total amount of assistance cannot exceed the cost of attendance. The assistance extended to students consists of loan, grant, and work programs that are administered by the Office of Financial Aid. Application for assistance is made by filing a Free Application for Federal Student Aid (FAFSA). If the student is selected for verification, the Office of Financial Aid will request additional information from the student/parent.

All assistance application forms must be completed before aid can be awarded by the University. Application for admission to SBU must also be in progress so that scholarship information can be compiled with financial assistance data. All questions concerning the application process, application deadlines, or the following available assistance programs should be directed to the Offices of Financial Aid or Admissions.

Access Missouri Program
The Coordinating Board for Higher Education has established the Access Missouri Program for permanent residents of Missouri who will be attending college in Missouri on a full-time basis. Awards from this program may range up to $2,850 and can be applied for by completing the FAFSA online at www.FAFSA.ed.gov. FAFSA forms must be received by the federal processor by April 1.

Federal Pell Grant
The Pell grant is funded by the U.S. Office of Education. Grants range up to $5,730 and are dependent upon need, as determined by the FAFSA.

Federal Supplemental Educational Opportunity Grant
Federal Supplemental Educational Opportunity Grant funds are allocated to the University by the federal government and are awarded based on financial need. Grant awards are dependent upon the need of the student and the funds available. Students with the greatest financial need and who apply by the institutional deadline of March 15 have priority on receiving SEOG funds.

Federal College Work Study
Southwest Baptist University participates in the Federal College Work Study Program, which enables those students having financial need and seeking employment to have jobs on campus. Students must be qualified on the basis of financial need as well as ability to do a specific job. This program is designed to assist students in meeting their university expenses. All wages, hours of work, and job descriptions are controlled by federal regulations. Students are expected to abide by the guidelines of their particular work study assignments and to perform the duties satisfactorily as outlined by job supervisors. Federal College Work Study funds are limited. Prior to starting work, Human Resources must have on file a completed I-9 form and copies of two forms of identification.

Entrance Interview
Southwest Baptist University must have on file an entrance interview before any student may receive funds from either the Perkins, nursing, or direct loan programs.

Federal Perkins Loan
Federal Perkins loans are available to qualifying students in amounts related to financial need. Applicants must be eligible citizens or eligible non-citizens who are making academic progress and show financial need based on their families' income and resources. No interest is charged or payment expected while students are carrying at least half of the normal full-time class load. Repayment begins, with interest accruing at 5% per year on the unpaid balance, nine months after students cease to be enrolled on a half-time basis. Payment schedules may extend to a maximum of 10 years, with at least 10% of the principal due each year. A minimum repayment of $40 per month is required on loans made after July 1, 1972. Before funds can be issued, borrowers must sign promissory notes and affidavits of educational purpose. Some limited repayment deferments and cancellation benefits are available to students entering certain vocations.

Federal Nursing Loan
Federal nursing loans are available to qualifying ASN students in amounts related to financial need. Applicants must be eligible citizens or eligible non-citizens who are making academic progress and show financial need based on their families' income and resources. No interest is charged or payment expected while students are carrying at least half of the normal full-time class load. Repayment begins, with interest accruing at 5% per year on the unpaid balance, nine months after students cease to be enrolled on a half-time basis. Payment schedules may extend to a maximum of 10 years, with at least 10% of the principal due each year. A minimum repayment of $40 per month is required on loans made after July 1, 1972. Before funds can be issued, borrowers must sign promissory notes and affidavits of educational purpose.

Federal Direct Subsidized Loan
Federal Direct Loans are available to students who are enrolled on at least a half-time basis and who demonstrate financial need. Eligible students may borrow up to $3,500 for their first year of school (0-29 hours), $4,500 for the second year (30-63 hours), and $5,500 for the third (64-95 hours) fourth and fifth years (96+ hours) of school. Repayment begins six months after half-time enrollment status ceases, at a minimum rate of $50 per month plus interest. The current interest rate is 3.86%.

Federal Direct Unsubsidized Loan
Many of the terms for the Federal Direct Unsubsidized Loan mirror those of the Federal Direct Subsidized Loan described above. Deferments are the same as for the Subsidized Loan; however, no in-school interest subsidies are provided by the federal government. The interest rate is currently at 5.41%. In addition to the Subsidized amounts, dependent undergraduates may borrow an additional $2,000 per year in Unsubsidized Loans. Independent first- and second-year

undergraduates and dependents whose parents have been denied a plus loan may borrow an additional $4,000 in Unsubsidized loans. Independent third- and fourth-year undergraduates and dependents whose parents have been denied a plus loan may borrow an additional $5,000 in Unsubsidized Loans.

Direct Plus Loan (Parent loan)

The Parent Loan program was established to enable parents to borrow money to assist in the post-secondary educational expenses of their dependent sons and daughters. Eligible parents may borrow up to the total cost of attendance, less students' financial assistance per academic year on behalf of each dependent undergraduate student. The first payment is due within 60 days of the date the loan is disbursed. The interest rate is currently at 6.41%. Some deferment opportunities are available. Interested students should contact the Office of Financial Aid for information.

Alternative Loan Program

A variety of alternative loans are available. Interested students should contact the Office of Financial Aid for information.

Veterans' Benefits

The Registrar serves as certifying officer for eligible veterans and/or dependents of veterans. The certifying officer is the advisor and campus administrator of the Veterans' Educational Benefit programs. Questions regarding eligibility benefits and enrollment should be made directly to the certifying officer.

Financial Assistance Satisfactory Academic Progress Policy (SAP) For Undergraduate Students

Southwest Baptist University is required by law to establish Satisfactory Academic Progress (SAP) standards to gauge the progress of students receiving financial assistance through federal, state or institutional aid programs by applying both qualitative and quantitative measurements to academic work. [34 CFR 668.16(e)] These measurements shall be used to determine a student's eligibility for all federal Title IV aid and for other need-based financial assistance, unless the terms of a particular grant or funding source states otherwise. Degree seeking students in all undergraduate programs are covered under this policy. (SAP) will be reviewed at the end of every semester, and you must be meeting SAP standards or you will either be placed on Financial Aid Warning, Financial Aid Probation, or Financial Aid Suspension. Students on Financial Aid Suspension may be eligible to appeal their suspension.

The academic policy at Southwest Baptist University is designed to enable students to achieve the degree requirements for graduation. Degree requirements for graduation include a minimum grade point average (GPA) of 2.0 at the time of program completion. Satisfactory academic progress (SAP) is, therefore, measured by qualitative and quantitative standards to promote this outcome. All students must meet the requirements of both quantitative and qualitative satisfactory academic progress listed below to receive financial aid.

Quantitative Satisfactory Academic Progress – Students must complete 67% of the number of credit hours for which they have enrolled to remain eligible for federal financial aid. To establish a quantitative measure, a time frame is set for students to finish a program of study. Remedial courses are not counted as hours for pace purposes.

Qualitative Satisfactory Academic Progress – Student must earn a cumulative GPA as designated below. A student's cumulative GPA includes credits for courses accepted by Southwest Baptist University from other institutions that count toward the student's degree.

Hours Earned	Minimum GPA Required
0 – 29	1.6
30 – 59	1.8
60 or above	2.0

Additional SAP Information

Maximum Time Frame – Regulations require the maximum time frame to not exceed 150% of the published length of the program, measured in the required academic credit hours. For example, the length of most undergraduate academic

programs is 128 credit hours required for degree completion and may not exceed 192 attempted credit hours (150% of 128 credit hours = 192 maximum attempted hours). Students who exceed the maximum time frame may request an extension by completing an appeal form, if approved aid would be offered on a semester by semester basis.

Withdrawals, Repeats and Incomplete Grades – Courses dropped after the drop/add period will count towards attempted hours. Repeat courses for which the student has previously earned credit will not count towards hours completed. However, they will count towards hours attempted even if credit was not previously earned. The highest grade will be the grade that counts towards the GPA calculation. Credit hours for courses for which an incomplete or deferred grade is granted will not count as hours completed but will count towards hours attempted.

Transfer Students – Transfer students are accepted from regionally accredited colleges and universities on the basis of transcripts and satisfactory student records. Credits may be granted for most standard university courses with grades of C- or higher; however the institution will transfer up to 6 hours of D. Only transferred courses accepted by Southwest Baptist University will be used in SAP calculations. Transfer students who are admitted and do not meet our quantitative and/or qualitative standard will be notified that they are on probation for their first semester.

Evaluation Period – A student's academic progress will be evaluated at the end of each academic semester. Academic semesters for traditional UG students include fall and spring terms. Summer is only included if the student is taking a summer course.

Financial Aid Warning – A status a school assigns to a student who is failing to make satisfactory academic progress. The school reinstates eligibility for aid for one payment period and may do so without a student appeal. This status may only be used by schools that check SAP at the end of each payment period and only for students who were making SAP in the prior payment period they were enrolled in or who were in the first payment period of their program.

Financial Aid Suspension – Once a student has been placed on Financial Aid Warning, failure to meet SAP will place them on Financial Aid Suspension. Students on Financial Aid Suspension may be eligible to appeal their suspension.

Financial Aid Probation – A status a school assigns to a student who is failing to make satisfactory academic progress and who successfully appeals. Eligibility for aid may be reinstated for one payment period.

Academic Dismissal – Students under academic dismissal are not eligible to receive financial aid and are not eligible to appeal until they have been reinstated to the University. Reinstatement to the University does not guarantee financial aid eligibility or appeal approval.

Appeal – A process by which a student who is not meeting SAP standards petitions the school for reconsideration of his eligibility for FSA funds.

Automatic Termination of Aid Eligibility – Default on a federally funded student loan will result in automatic termination of aid eligibility.

SAP Appeal Process

- Students who have been notified that they are on Financial Aid Suspension will be required to complete a financial aid appeal.
- The first appeal, if approved, places the student on financial aid probation status and they are eligible to receive financial aid.
- A second appeal places a student on financial aid probation and they must complete the appeal process again with supporting documentation. The student is eligible to receive financial aid for an additional semester but must meet stipulations outlined in the appeal decision (e.g., limited hours or repeating course to raise GPA).
- Students who fail to meet SAP requirements for three consecutive semesters are no longer eligible to receive financial aid.
- If a student is making progress on their academic plan but is still below the SAP requirements, a student can be granted extended probation status and continue to receive financial aid as long as appeal stipulations are being met. Failure to make progress and/or failure to follow the academic plan will result in an appeal being denied and loss of financial aid eligibility.

- Extenuating circumstances include the death of a family member, illness or injury, or other circumstances beyond the student's control. Appropriate supporting documentation of the circumstance must be provided. Students may not use the same extenuating circumstance for multiple appeals without sufficient documentation of ongoing issues.
- Appeals must include a statement from the student explaining why they did not meet the SAP requirements, what has changed to allow them to meet the requirements in the next semester, an academic plan completed by the student and the advisor, and a statement from the advisor.
- Students who have reached the maximum timeframe due to switching majors, second majors or additional degrees, will be evaluated on a case by case basis through the appeal process.
- Incomplete appeals will not be reviewed.

Reestablishing Financial Aid Eligibility
Students may reestablish eligibility by enrolling in one or more semesters and successfully completing the course(s) without the assistance of financial aid. When a student's cumulative SAP progress is at or above 67% and they have met the required GPA for hours earned, then he or she will once again become eligible to receive financial aid.

Disbursement of Funds Policy
Acceptance and authorization to credit Federal funds to the student's account is given by the online award letter process using the Student Self-Service in the MySBU Portal. Funds are credited to the student's account on or as soon as possible after the first day of class assuming the student has been determined eligible and completed verification if necessary. The disbursement of Pell Grant funds at Branch Campuses is normally slightly delayed until further verification of student hours to assure accurate payment of funds. Students are always allowed to charge books against any pending Pell Grant credit.

STUDENT LIFE

Student Orientation

Welcome Week, under the leadership of the Director of Student Activities and a student steering committee, provides each new student a small-group experience designed to initiate some interpersonal relationships that are significant for a smooth transition to the University environment. All new students, freshman and transfer, are eligible to participate in this unique orientation program held annually on the Bolivar campus the week prior to the beginning of the fall semester. A complete orientation to the University is made, including the academic, social, physical, and spiritual dimensions of student life on the SBU campus.

Student Behavior

Student Responsibility

The goal of campus life at Southwest is to provide a Christian community of faith and learning. Life in such a community brings many privileges, but it also carries responsibilities. By virtue of their enrollment at SBU, students agree to accept responsibilities of membership in the University community. As conditions of admission, the University reserves the right and power to discipline or dismiss any students who fail to accept this responsibility. Each student agrees that the University shall have this right and power of discipline or dismissal.

Upon using the University Libraries or other libraries with which agreements are maintained, students agree to accept certain responsibilities. Students are responsible for knowing these responsibilities and policies. Each year the *SBU Student Handbook* is updated and a library guide describing services and regulations is available at the Hutchens Library reference desk.

Discipline

Any member of the University community may assume responsibility for upholding University standards of conduct. Normally, the first approach should be to advise or counsel students about the alleged misconduct. When counseling is unfeasible or ineffective or in cases of serious violations, referral will be made for more formal counseling or disciplinary proceedings. Guidelines for disciplinary action, along with the procedure for disciplinary appeals, are outlined in the SBU Student Handbook.

Misconduct

Students should refer to the *SBU Student Handbook* (www.SBUniv.edu) for information regarding misconduct.

Student Residence

Campus housing is reserved for SBU students who are enrolled for 12 or more hours. Students under the age of 21 or with less than 90 accumulated college hours are required to live in campus housing. Students living in dorm facilities are required to have a 15 or 20 meal plan. Priority for housing assignments is given to students currently attending SBU. All new students are given priority for assignment according to their application completion dates. All University housing provides laundry facilities.

1. **Beasley Hall** houses 194 female students in suites of two rooms and one bathroom.
2. **Casebolt Apartments** is a 15-unit apartment building with living-dining room combinations, two bedrooms, and a bathroom, plus a card accessibility outdoor entrance. It accommodates 56 female students.
3. **Craig House** accommodates up to six female residents. The house includes a full-sized living, dining room and kitchen including a study room, four bedrooms, and two baths.
4. **Gott Hall** houses 72 male students, two students per room, with community bath facilities on each floor.
5. **Landen Hall** houses 198 male students in suites of two, living room-bedroom units with an adjoining bath.

6. **Leslie Hall** is an accommodation arranged in two, living room-bedroom units with an adjoining bath. This facility houses 198 female students.
7. **Memorial Hall** accommodates 88 male students, two per room, with community bath facilities on each floor.
8. **Meyer Hall** is a men's dormitory housing 48 students, with two students per room and a bathroom in each room.
9. **Plaster Lodge** accommodates 64 female students, with two students per room and a bathroom in each room.
10. **Roseman Apartments** is an eight-unit apartment complex with living-dining room combinations, two bedrooms and two full baths, plus a washer and dryer in each unit. It accommodates a total of 32 male students.
11. **Woody Hall** accommodates 72 female students, two per room, with community bath facilities on each floor.

Prices for room and board are for actual school days and do not include holidays or periods between terms. During school breaks and holidays, students may not reside in the residence halls, however, extenuating circumstances may be brought to the attention of the Director of Residence Life. Residents needing housing during breaks or between terms should contact the Office of Residence Life in advance regarding housing needs. A $20per diem may apply.

Curfew is required of all first-semester freshmen living on campus unless otherwise waived by the Vice President for Student Development. The hours of curfew are:

Sunday-Thursday..... 12 midnight - 6 a.m.
Friday-Saturday ..... 2 a.m. - 6 a.m.

Second-semester freshmen may earn the privilege of having curfew regulations removed if they fulfill the following requirements:

1. The resident has not exceeded his/her allotted number of misses during their first semester under curfew.
2. The resident has maintained a 2.00 cumulative GPA.
3. The resident has not had excessive resident hall violations or disciplinary action imposed by the Office of Student Life.

Cancellation of Housing and/or Meal Plan Reservations

Students who cancel housing and/or meal plan reservations before the fifth day of classes during the fall and spring semesters will receive a 90% refund of semester housing charges. Students who cancel their reservations after the fifth day of classes will not receive a refund of semester housing charges.

Cancellations for the summer and January semesters should be made 14 days prior to the beginning of the semester. Other cancellation and withdrawal policies regarding housing are outlined in the Financial Information section of this catalog. For additional information see the online SBU Student Handbook at http://www.sbuniv.edu/_resources/documents/student-handbook.pdf#search=student%20handbook.

Commuter Status Policy

To be eligible for commuter status, a student must meet Off-Campus Housing requirements or live with their parents, grandparents, or approved legal guardian who must live within a 30-mile radius of SBU's Bolivar campus. Appeals to the aforementioned policy will be considered by the Vice President for Student Development on a case-by-case basis.

All students wanting to apply for commuter status must file a Commuter Status Application with the Office of Student Life. Applications submitted by and approved for students taking full-time class schedules (12 hours or more for the Fall and Spring Semesters and three hours or more for the January, June, and July Semesters) will expire on the last academic day of the specified semester(s) for which the student is approved to commute. All students taking full-time class schedules in a given semester are required to complete and submit an application if they desire to obtain commuter status for that semester. For more information see the online SBU Student Handbook at http://www.sbuniv.edu/_resources/documents/student-handbook.pdf#search=student%20handbook.

Off-Campus Housing

Students who are 21 years of age by October 1 for the fall semester or March 1 for the spring semester, or who have accumulated 90 or more credit hours, are eligible to move off campus. Other criteria for consideration for off-campus housing include students who live with their parents or who are married or have dependents. Current students must file the off-campus application no later than April 1 for the fall semester or summer term and November 1 for the spring

semester or January term. All applications should be filed with the Office of Student Life. Students who are eligible to move off-campus and file past the off-campus deadline will be assessed a $100 late fee.

Automobiles

The State of Missouri requires motorists to carry public liability and property damage insurance. Students from other states who bring automobiles to campus are urged to carry this insurance. Each student operating an automobile must display the University vehicle permit and obey University and community regulations regarding the care and use of automobiles.

Student Identification Card

Each student is required to obtain a student identification card from the Office of Safety and Security. No charge will be made for the original card. The card is revalidated each semester of enrollment.

If a replacement identification card is needed, the student will be assessed a $25 replacement fee and may pick up the replacement card at the Office of Safety and Security during regular office hours. Student identification cards are important for library use, CLW attendance credit, dormitory access, meal authorization at campus dining facilities, and access to the campus computer network.

Student Services

Counseling and Testing

Students at Southwest Baptist University have available to them one part-time and one full-time Licensed Mental Health Professional to assist with personal and emotional issues. This service is offered without direct cost to students of Southwest Baptist University. The Counseling Center offices are located within the Behavioral Sciences Department on the second floor of the Gott Education Center.

Career Services

The office of Career Services is available to assist students and alumni with career counseling, career assessments, resumes, cover letters, mock interviews and guidance through the job search process. Career Services is located in the office suite of Mabee Chapel.

Student Health Services

The University has a registered nurse who administers SBU's Killian Health Center located at 803 S. Pike Street. The Health Center is open from 8 a.m. to 4 p.m., Monday through Friday, during SBU's annual fall and spring semesters and varied hours during the January and summer (June and July) term sessions.

General health services are provided at the Center for undergraduate and graduate students and for faculty, staff, and immediate family. Services provided include limited medical treatment, consultation, referrals, self-care recommendations, immunizations, and medical counseling. When self-care recommendations are offered, limited over-the-counter medications, bandages, and first aid-treatment are available without additional fees. These services are available to students who pay the student services fee.

Students who require specialized medical assistance or tests are referred to local medical facilities. Students needing additional treatment will be financially responsible for any services acquired. The University will not be financially responsible for costs incurred by the student for services provided by any physician or medical center. Students injured during intramurals or any other University activities are financially responsible for any treatments received beyond those provided by the Health Center.

Additional information is available at the Health Center (417-328-1888). To obtain documentation for a class absence (one or more days), a student must be seen by the Director of Health Services on the first day of the class absence.

Wellness and Sports Center

The Jane and Ken Meyer Wellness and Sports Center, completed in Spring 2005, is named in honor of Jane and Ken Meyer, major contributors to construction. The Wellness Center features include: fitness area with strength training and cardio machines, racquetball courts, swimming pool, gymnasium with three collegiate basketball courts and a running/walking track, climbing wall, and sports cafe. The mission of the Wellness Center is to provide a healthy and motivating environment where students, faculty, staff, and others can meet to enjoy wellness and sports opportunities and build relationships.

Student Organizations

The activities of student organizations are coordinated by the Office of Student Life. Campus organizations include academic, professional, and special interest groups. Students with other areas of interest or expertise are encouraged to work with the Director of Student Activities to form new clubs and organizations.

Student Association

SBU's Student Association (SA) consists of an elected body of students who are given the responsibility of representing the desires and interests of the entire student body to the university administration. Eligibility requirements for joining SA can be found in the SA Procedures Manual. SA has weekly meetings that are open to all SBU students. SA can be contacted at sa@sbuniv.edu.

University Activities Council

The University Activities Council (UAC) is a group of students who coordinate many of the activities and major events that are offered throughout the year. There are four "committees" within the UAC: Campus Activities, Integration of Faith and Culture, Major Events and Publicity. Some activities include T.W.I.R.P Week, concert series, film series, Homecoming, Mozarkian, Courtwarming, etc. Students wishing to be involved with the UAC should contact the Director of Student Activities.

Academic Organizations

Alpha Chi is a national honor society for juniors and seniors who have excelled in academic pursuits and rank in the top 10% of their respective classes. **Chi Alpha Sigma** is a national honor society for student athletes recognizing them for high academic achievement in their majors, while lettering in a collegiate sport. **Phi Eta Sigma** is a national honor society that recognizes the academic achievements of students who maintain a 3.50 cumulative GPA during their freshman year. **Pi Kappa Lambda** is a national honor society for juniors and seniors who have excelled both in music performance and music scholarship. **Psi Chi** is an International Honor Society for students of psychology who excel in scholarship, display high standards of personal behavior, and seek to advance the science of psychology. **Southwest Baptist University Honor Society of Nursing** is an organization for students in the BSN nursing completion program who have achieved high academic standing.

Professional Organizations

The **Association for Computing Machinery (ACM)** is an international professional student organization promoting excellence in computer science fields. The **Behavioral Science Club** provides for the unity of those interested in all of the behavioral sciences. The **Sociology and Criminal Justice Society** is an honor society for those majoring in either Sociology or Criminal Justice, promoting scholarship and academic excellence. **Chi Sigma Theta** is an honorary dramatic fraternity for students who have attained performing and technical excellence in campus-wide theatre arts. The **Church Music Conference** is a student chapter of the Baptist Church Music Conference and serves as a professional organization for all students interested in church music. **Delta Epsilon Chi** (Accounting Club) is open to all students interested in accounting and financial management. **Fellowship of Christian Recreators** provides professional guidance for majors and minors in all areas of recreation. **Future Business Leaders of America-Phi Beta Lambda** is a national organization for students who are preparing for careers in business. **National Association for Music Education** is a student chapter of the national organization and is open to any student interested in teaching music. **Phi Alpha** is the national society in social work. **Pi Kappa Delta** is an honorary fraternity open to students who earn membership through forensic achievement both on campus and through participation in intercollegiate debate and individual speech events throughout the entire academic year. The **Social Work Club** is open to pre-Social Work and Social Work students and provides opportunities for learning and community involvement. The **Student Missouri State Teachers Association** is for students interested in and preparing for the teaching profession and is affiliated with the Missouri State Teachers

Association. **Zeta Kappa Chapter of Delta Mu Delta**, a business administration honor society, is for qualified business majors. **Financial Management Association (FMA)** allows students to broaden their knowledge in finance and related areas, sharpen their professional skills, and prepare themselves for the professional workplace.

Fellowship Organizations

Book Club encourages interest and participation in cultural activities that are related to literature. **The International Student Club** provides support to international students and helps them to make the transition to university life in the United States. The **Pre-Health Society** is an organization helping future doctors, pharmacists, dentists, nurses, and veterinarians complete their undergraduate work and gain entrance into their chose professional schools. The **Pre-PT Student Organization** is open to all students with an interest in the field of physical therapy. In addition to being a service organization, it disseminates information about the SBU physical therapy program and the physical therapy profession. **Enactus** is a service and project-oriented group open to all students who believe in the principles of open markets and free enterprise. **Sigma Mu Theta** is comprised of wives of students preparing for the ministry and other church-related vocations. **One in Four** is a social organization which educates students about relationship abuse on the college campus.

Spiritual Life and Ministry

The University Ministries office is centrally located on campus in the Goodson Student Union. Because of its Christian heritage, the University has a commitment to providing opportunities for faculty, staff, and students to develop and deepen their spiritual lives.

The main purpose of University Ministries is to lead students and faculty towards commitment to Jesus Christ as Savior and Lord; build world vision, mission, and evangelism interests; support the local church; deepen respect for the authority of scripture; and help develop lives of integrity, prayer, and faith. A variety of ministry opportunities are offered through the Community Life & Worship (CLW) program, Center for Global Connections (CGC), discipleship, mentoring programs and various other student ministries.

Community Life & Worship program is designed to create a culture for effective and relevant spiritual formation. spiritual formation, as affirmed here, is both an individual's pursuit of God and a corporate experience. The individual's spiritual life is shaped by the spiritual life of the community. Additional details are located in the SBU Student Handbook.

Community Life & Worship Graduation Requirements

In order to graduate from SBU with an undergraduate degree, each full time student must accumulate at least 25 Community Life & Worship (CLW) points per semester. For example, during a typical eight-semester collegiate career, full time SBU students will be required to earn 200 CLW points, hence 25 CLW points per semester. Students may complete their requirement early by earning up to 35 CLW points per semester. For graduation requirement purposes, a student MUST EARN AN AVERAGE OF AT LEAST 25 CLW POINTS PER SEMESTER WITH A MAXIMUM REQUIREMENT OF 200 CLW POINTS.

Earning Community Life & Worship points

Students will be able to earn CLW points from five CLW categories. There will be multiple opportunities throughout the semester to earn CLW points. These opportunities are shown in the online CLW e-magazine located within the Student Services tap of the University portal or at the following website: http://www.sbuniv.edu/CGC/CLW/index.htm At the beginning of each semester (fall and spring), an online e-magazine will be available with details concerning the CLW program and opportunities.

Chapel: Our Community Gathered Together

Chapel services will held each Monday – and occasionally on Wednesdays and Fridays – from 10:00-10:50 a.m. in Pike Auditorium, which is located inside Mabee Chapel. Each Wednesday, from 10:00-10:50 a.m. in Pike Auditorium, there will be intensive teaching in the area of Christian spiritual formation. There will also be a number of evening chapel opportunities (see the online CLW e-magazine for times and locations).

Small Groups: Our Community Sharing Life Together
Students will have the option of participating in a small group study led by faculty, staff and other local believers (see the online CLW e-magazine for topics, times, and locations). Small group ministries is the place for students to grow spiritually. Students meet weekly in small groups that are exciting, innovative, Bible-centered, and fellowship-oriented. Small group ministry's main focus is helping students develop a heart and sensitivity toward God.

Mission Participation: Our Community Being Sent Out
Students can receive 10 CLW points for being an active participant on a team sponsored by The Center for Global Connections (CGC) (see the online CLW e-magazine for details and opportunities). CGC provides life-changing opportunities throughout the world involving faculty, staff, and students. The focus CGC is to develop world vision, mission, and evangelism interest and to train individuals to serve through lives of integrity, prayer, and belief based on the truth of Scripture. State missions through the Missouri Baptist Convention, national and international outreach through the North American and International Mission Boards, and multiple mission opportunities through Southwest's mission center are available.

Serving the Community: Our Community Blessing the Community
Students can receive CLW points for volunteering with local not-for-profit ministries within the Bolivar area. One (1) CLW point can be earned for every two (2) hours volunteered (see the online CLW e-magazine for approved ministries and details).

Special Interest: Our Community Engaging the Culture
Through coordination with the Integration of Faith and Culture Committee and the University Activities Council, opportunities will be provided for students to discuss our place in the culture. There will be also hosted debates, documentary films and film discussions during the semester (see the CLW e-magazine for details).

Disciple-Now Teams consists of students committed to renewal. These students will lead retreats, lock-ins and conferences, teaching spiritual growth and discipleship principles.

Christian Service Organization is an outreach ministry in which students may reach their community through Christ-like love. It gives students a practical experience in effective community service through participation in a variety of outreach projects.

Theatrical Evangelism and Mission (TEAM) is a drama team serving in chapel services and churches.

University Publications

The Catalog and ***SBU Life*** are the official University publications. Any other publication to be distributed to students, faculty, and staff must have approval from the Office of Student Life. The University reserves all publisher rights and privileges to these publications. The official publication, ***SBU Life***, contains news of University progress and the activities of students, faculty, staff, and alumni.

University Activities

Athletics

The University provides a comprehensive program of intercollegiate athletics in baseball, basketball, cross country, football, golf, track and field, and tennis for men. Women's sports include basketball, soccer, softball, tennis, volleyball, cross country, and track and field. Intercollegiate athletics are conducted according to the rules and regulations of the National Collegiate Athletic Association (NCAA) and the Mid-America Athletic Association. Additionally, there is an active **intramural** program of sports in which all students may participate. The University assumes neither legal nor financial responsibility for injuries or accidents that may result from participation in varsity athletics, extramurals, intramurals, or athletic clubs. However, members of varsity athletic squads are provided insurance coverage through special group insurance programs. All other participants should acquire minimum insurance coverage.

Debate and Forensics
The Bob R. Derryberry School of Communication Arts maintains an active program of participation in intercollegiate debate and forensics. Membership on the traveling groups is achieved by performance, and each year students represent the University locally and in major tournament competition.

Theatre
The Bob R. Derryberry School of Communication Arts, with the aid of Chi Sigma Theta, provides opportunities in a variety of theatrical experiences. Auditions for University productions are open to all members of the student body.

Music Ensembles
The music ensemble organizations are directed by faculty members of the Department of Music and are open to all qualified students of the University for credit: Concert Choir, SBU Chorale, Higher Ground, Opera Theatre, Wind Symphony, University Band, Jazz Ensemble, Brass Ensemble, Percussion Ensemble, Woodwind Ensemble, and String Ensemble. Auditions are required for some ensembles.

Service And Leadership Training (S.A.L.T.)

The Roy Blunt Service and Leadership Training (S.A.L.T.) program is a co-curricular option open to all students. To fulfill the S.A.L.T. requirements, a student must successfully complete:

1. Introduction to Leadership, a 3-hour academic requirement
2. At least one voluntary service project approved by the office of Student Life
3. Demonstrated leadership in two or more co-curricular activities
4. A 3-5-page essay on the topic of servant leadership.

Students completing the S.A.L.T. program will be recognized at commencement and a transcript of their achievement will be maintained by the University as part of the student's permanent educational record.

Community Activities

Local Churches
The churches of Bolivar provide opportunities for students to engage in Bible study and Christian worship. All students are urged to attend church services each week.

Community Concerts
Bolivar residents and Southwest Baptist University cooperate each year in sponsoring the Bolivar Live on Stage concert series. Opportunities are created for students to hear outstanding performances in the music concert field. Student memberships are available at a reduced price.

Student and Alumni Awards

Rev. C.A. Butler Sociology Award
Mr. and Mrs. James Owen have established this annual award in memory of Rev. C.A. Butler, an outstanding pastor and faculty member of Southwest Baptist College. This award is given to the graduate who is most outstanding in the field of sociology.

The Jasper A. Clark Biology Award
The Department of Biology has established the Jasper A. Clark Biology award to be given annually to an outstanding graduating senior majoring in biological science . The award is in memory of Dr. Jasper A. Clark in recognition of his long and distinguished service to Southwest Baptist University. The chairman of the Department of Biology, in consultation with other department personnel, shall select the recipient of the award. Criteria for selection are:

1. A biology or medical technology major
2. A graduating senior
3. A Department of Biology advisee
4. An overall GPA of 3.25 with a 3.50 GPA in the major
5. A reputation above reproach

The Hamlett Creative Writing Award
A grant has been made by Fred P. Lollar of Burlingame, CA, to establish the Hamlett Creative Writing Award in recognition of the teaching and service of Miss Mayme Hamlett. An annual award will be made from the earnings of this grant to a promising student writer completing his/her junior year. A committee of the faculty members of the Department of Language and Literature will select the recipient.

The May M. Hurst English Literature Award
The May M. Hurst English Literature Award is presented annually to a high ranking student in English literature classes. The recipient of this award is selected by a committee composed of the faculty of the Department of Language and Literature. This award is provided by the Hurst family: the late Mrs. May M. Hurst, James Frederick Hurst Jr., and Mrs. Helen Hurst May.

The James Frederick Hurst Memorial Mathematics Award
The James Frederick Hurst Memorial Mathematics Award is presented annually to the highest ranking graduating student in the Department of Mathematics. Professor Hurst was chairman of the Department of Mathematics of Southwest Baptist University for 25 years from 1926 to 1950. This memorial has been provided by the Hurst family: the late Mrs. J.F. Hurst, James Frederick Hurst Jr., and Mrs. Helen Hurst May.

Life Beautiful Award
In 1937, Rosalee Mills Appleby, missionary to Brazil, established the Life Beautiful Award to be given each year to the outstanding man and woman in the graduating class who show by their scholarship and character that they are going out from the school to live the "life beautiful". Pictures of selected students are displayed in the Goodson Student Union. The faculty selects the recipients of the award.

Life Service Award
In 1955, the Board of Trustees of Southwest Baptist University established the Life Service Award. This award is given annually to alumni of the University who have demonstrated excellence in their personal and professional lives.

N.J. Nabors Forensic Service Award
The N. J. Nabors Forensic Service award is presented annually in honor of Dr. N. J. Nabors, national leader in Pi Kappa Delta and friend of SBU forensics. It is presented to the member of the speech team who best demonstrates service to the team and maintains a Christian example in competition.

Who's Who Nomination
A committee composed of administrators and faculty selects nominees to be included in the annual publication *Who's Who Among Students in American Universities and Colleges*. Only graduating seniors with a GPA of 3.00 or more are considered for the honor. In addition to scholarship, students are judged in their "participation and leadership in academic and extracurricular activities, citizenship and service to the campus and community and potential for future achievement," as outlined by the standards of the national Who's Who organization.

Paul F. Wright Distinguished Speaker Award
The family and friends of Rev. Paul F. Wright have established an annual award to outstanding speakers and students of excellent character. A special committee of the faculty selects those who receive the award. Recipients are given attractive medals and are honored at the Awards Banquet

ACADEMIC REGULATIONS

Southwest Baptist University provides graduate study programs in the Robert W. Plaster College of Business and Computer Science, which offers the Master of Business Administration (M.B.A.) and the Master of Business Administration with a Health Administration Concentration (M.B.A. Health Administration); in the College of Education and Social Sciences, which offers the Master of Science (M.S.) in Education, the Master of Science (M.S.) in Educational Administration, the Education Specialist in Educational Administration (Ed.S.), and the Doctor of Education in Educational Leadership (Ed.D.); in the College of Nursing and Health Sciences, which offers the Master of Science in Nursing (M.S.N.); and in the College of Science and Mathematics, which offers the Doctor of Physical Therapy (D.P.T.). (See the Graduate Catalog for program descriptions and detailed information.)

The Bachelor of Arts degree (B.A.), the Bachelor of Science degree (B.S.), the Bachelor of Science in Health Sciences (B.S.H.S), the Bachelor of Science in Nursing degree (B.S.N.), the Bachelor of Social Work degree (B.S.W.), the Bachelor of Music degree (B.M.), the Associate of Arts degree (A.A.), the Associate of Applied Science (A.A.S.), the Associate of Science in Nursing degree (A.S.N.), the Associate of Science in Radiography (A.S.R.), and the Associate of Science degree (A.S.) are granted by Southwest Baptist University.

Degree Requirements
(General Regulations)

1. Students are eligible to graduate after fulfilling the requirements described in the academic regulations section of the catalog under which they first enroll at Southwest Baptist University. They have a seven-year period during which they may graduate under that catalog. If there are extenuating circumstances, the student may appeal to the Deans Council for a waiver. Otherwise, students have the option to choose any catalog subsequent to the one under which they entered.
2. Students must successfully complete at least one course at Southwest Baptist University during the academic year of the catalog selected for graduation.
3. Students who enroll in another college or university without prior permission of the Provost are considered to have withdrawn from Southwest Baptist University.
4. Students wishing to transfer work from another institution and not withdraw from Southwest Baptist University must obtain "Permission for a Transfer of Credit" from the Registrar's Office prior to enrolling in another institution.
5. Each full time SBU Bolivar campus student must attain 25 Community Life & Worship (CLW) points per semester. (See the SBU Student Handbook for a detailed explanation of the CLW graduation requirement.)
6. A student may not simultaneously pursue more than two undergraduate academic majors at Southwest Baptist University.

Bachelor of Arts, Bachelor of Science, Bachelor of Music, and Bachelor of Social Work Degrees

To receive a Bachelor of Arts, Bachelor of Science, Bachelor of Music, or Bachelor of Social Work degree, students must:

1. Complete all general education requirements.
2. Complete graduation requirements as established for the degree desired.
3. Complete an approved major and its required supporting work.
4. Complete at least 128 approved hours, of which 40 hours must be in upper division (3000-4000 level) course work (or its equivalent for the B.A.S. degree). No upper division credit will be granted for work taken in junior college(s), although the work may be counted toward the required total of 128 hours. Students may count no more than 4 credit hours of physical activity courses toward the 128-hour graduation requirement (except physical education and sport management majors). **KIN 1162 <u>does not</u> count as part of this 4 credit-hour limit**. No more than 40 hours in a single discipline (e.g., business, history or music) will be counted toward the Bachelor of Arts degree.
5. Complete 30 of the last 36 hours of the degree program as residence credit at an SBU degree-granting site that is accredited to offer the student's major. (The intention of this policy is to ensure that the student's major-area courses will be principally completed at an SBU degree-granting site.)

6. At least one-half of a student's major must be completed at Southwest Baptist University. **NOTE: SBU will accept no more than 94 hours from other institutions toward a degree. No more than 64 semester hours of credit may be transferred from community or junior colleges.**
7. Earn an average of two grade points (2.00) for each credit hour's work attempted, including at least an average of two grade points (2.00) in the major, minor, or certificate. (Note: Some majors require a GPA higher than 2.00 points for all course work in the major.) and including at least a two grade point average (2.00) in all work taken at Southwest Baptist University.
8. File online an Intent to Graduate card on or before the date listed in the calendar prior to the proposed date of graduation. (Graduation fee must be paid before students are permitted to graduate.) Students who are eligible to graduate upon satisfactory completion of the final semester's work are required to attend commencement exercises. Only those students who actually complete all requirements will receive a diploma by mail.
9. Participate in the December or May commencement unless absence is approved by the Provost (or the Dean of Mercy College of Nursing and Health Sciences for the Springfield ceremony) prior to the ceremony. The reason for not participating in commencement must be explained in writing to the Provost (or the Dean of Mercy College of Nursing and Heath Sciences) who will determine if the reason is valid and whether to grant or to deny permission to be excused from commencement.
10. Students completing graduation requirements in January may participate in the December commencement if they have no more than 6 hours to complete and upon approval by the college dean. Students completing graduation requirements in the summer may participate in the May commencement if they have no more than 12 hours to complete (6 hours in June and 6 hours in July) and upon approval by the college dean. These students need to receive permission to walk early by submitting the Request to Walk Early form to their college dean. Student diplomas will be dated in the completion semester.

Associate of Arts, Associate of Science, and Associate of Applied Science Degrees

None of the associates degrees can be received in conjunction with a bachelor's degree. To receive any of the associates degrees from Southwest Baptist University, students must:

1. Complete all general education requirements as established for the degree desired.
2. Complete graduation requirements as established for the degree desired.
3. Complete at least 64 hours, of which no more than two are physical activity courses.
4. For the A.A. and A.S. degrees, complete at least 15 of the last 18 hours of the degree program as residence credit through one or more of the locations at which Southwest Baptist University offers degree work.
5. For the A.A.S., A.S.N. and A.S.R. degrees, complete at least 12 of the last 15 hours of the degree program as residence credit through one or more of the locations at which Southwest Baptist University offers degree work.
6. Earn an average of two grade points (2.00) for each credit hour's work attempted, including a two grade point average (2.00) in all work taken at SBU.
7. File online an Intent to Graduate card on or before the date listed in the calendar prior to the proposed date of graduation.
8. Participate in December or May commencement unless absence is approved by the Provost (or the Dean of Mercy College of Nursing and Health Sciences for the Springfield ceremony) prior to the ceremony. The reason for not participating in commencement must be explained in writing to the Provost who will determine if the reason is valid and whether to grant or to deny permission to be excused from commencement.
9. Students completing graduation requirements in January may participate in the December commencement if they have no more than 6 hours to complete and upon approval by the college dean. Students completing graduation requirements in the summer may participate in the May commencement if they have no more than 12 hours to complete (6 hours in June and 6 hours in July) and upon approval by the college dean. These students need to receive permission to walk early by submitting the Request to Walk Early form to their college dean. Student diplomas will be dated in the completion semester.

Second Bachelor's Degree

(After first degree has been awarded)

A student who has earned a bachelor's degree from any accredited institution may be awarded a second baccalaureate degree from Southwest Baptist University by meeting the following requirements:

1. Complete at least 30 hours above the requirements for the first degree, 24 of which must be in residence at an SBU degree-granting site that is accredited to offer the student's major. No more than 3 of the 24 residence credits may be SBU OLIS courses.
2. Complete all requirements for the second degree, except general education requirements. **Note: If the first degree is a B.A.S. degree, any general education deficiencies must be completed.**
3. Complete requirements for the second major.
4. Complete BIB 1013, 1023, and SPF 2012, if the first degree was awarded at another institution.
5. Earn an average of two grade points (2.00) in all work taken for the second degree.

SBU Recognitions

Honor Roll

To be listed on the semester's honor roll, students must carry at least 12 hours of college work at Southwest Baptist University and earn at least a B (3.00 GPA), with no grade below C.

Honor's List.....3.00 - 3.49
Deans' List.....3.50 - 3.69
President's List.....3.70 - 3.84
Trustees' List.....3.85 - 4.00

Honors Graduation

Undergraduate students will graduate with honors according to the following GPAs. In order to be graduated with honors, students must have earned a minimum of 45 semester hours of credit at Southwest Baptist University prior to the semester of graduation.

Summa cum laude	3.850-4.00
Magna cum laude	3.700-3.849
Cum laude	3.500-3.699

The GPAs at the end of the semester previous to the semester of graduation will be used to determine honor graduates for the commencement ceremony. The official honors notation will be made on transcripts after the final semester grades are in the Registrar's Office.

Glossary of Academic Terms

Credit Hour

Credits are usually based on the number of times a class meets each week. Courses vary in credit from one to six hours; however, there is a predominance of three credit hour classes. Each hour of credit represents the equivalent of one recitation period of 50 minutes per week or a laboratory period of 100 to 150 minutes each week per semester.

Full-Time Student

To be classified as a full-time student during a semester, a student must carry a credit hour load of 12 semester hours.

Faculty Advisor

Southwest Baptist University is characterized by an intense interest in the welfare of students and a concern that they formulate mature philosophies of life, define worthy educational-vocational objectives in keeping with their interests and abilities, and select from college resources that particular combination of studies and activities that most adequately contributes to their educational, vocational, emotional, social, and religious growth. Each first-year student is assigned a faculty advisor in the University Success Center. Other students are assigned faculty advisors based on the number of hours they have and their intended major. The advisor counsels and guides the student in planning course schedules and educational programs at SBU.

Grading System

A grade represents an evaluation of a student's academic performance in a course and is determined by examinations and other criteria. Course grades are defined as follows: A, excellent; B, above average; C, average; D, minimum passing; F, failure; and I, incomplete. In certain courses, a grade of P (passing) may be given.

Grade Points

Each semester hour of credit is valued in grade points as follows: A, four points; B, three points; C, two points; D, one point; F, no points. P grades are not assigned grade points and are not considered in computing students' grade point averages. In order to graduate, students must earn an average of two grade points (2.0 - C average) for each credit hour attempted.

Incomplete Grades

An incomplete (I) grade may be given when a student is doing passing work or has the possibility of earning a passing grade but is unable to complete all of the course requirements because of unusual circumstances acceptable to the instructor (e.g., illness or accident). In no case may an “I” be agreed to unless the student has completed at least 80 percent of the class. An “I” may not be used to permit a student to repeat a course or to improve a grade. The instructor must complete the Application for Incomplete Grade form and it must be signed by the instructor and submitted to the appropriate department chair and college dean for approval. The completed and signed form must then be filed in the Registrar's Office; additional copies of the form will be given to the student, instructor, academic advisor, and college dean. Requirements for completing the course and appropriate grade designations are to be specified on the application by the instructor.

It is the responsibility of the student to complete satisfactorily all of the course requirements by the start of the semester following the term with the Incomplete grade. If the incomplete is not cleared within this specified time limit, the I will convert to an F.

In-Progress Grades

An In-Progress (IP) grade may be given for courses that usually require more than one semester to complete (e.g., readings, theses, internships, or practicum courses). Requirements for completing the course and specific completion dates are to be specified by the instructor on the application. The In-Progress Grade form must be signed by the instructor and submitted to the appropriate department chair and college dean for approval. The completed and signed form must then be filed in the Registrar's Office. Additional copies of the form will be given to the student, instructor, academic advisor, and college dean.

It is the responsibility of the student to complete satisfactorily, under the supervision of the instructor, all course requirements by the specified completion date. If the in-progress grade is not cleared within this time limit, the "IP" will convert to an appropriate letter grade based on the completed work. If there are extenuating circumstances beyond the student's control, the student may request a time extension through the special academic request process.

General Academic Regulations

Audit

A person who wishes to audit a course must have permission from the instructor and enroll as an auditor at the same time and under the same procedures as for credit. This status will permit the student to attend class but does not allow the student to take tests or have assignments graded by the instructor. A student may change from audit to credit or from credit to audit only during the time period when courses can be added. Persons who are not currently enrolled in the University must apply for admission in order to register as an auditor. (See Financial Information for cost of auditing a course.) Note: When a student audits a course, no hours are earned and the course is not calculated in the total number of hours or GPA.

Load Limit for Credit Hours

In any semester, a student is limited to the number of credit hours that can be taken, according to the GPA. This limit includes all college courses, OLIS or otherwise, being taken at SBU or elsewhere. If a student exceeds load limit restrictions, the University will require the student to reduce load hours. The normal load for all students each semester, provided students have a minimum cumulative GPA of 2.00, is 16 credit hours, and the normal load for January, June, or July is 4 credit hours. First-semester first-year students are limited to 16 credit hours. Other students may be permitted to enroll in additional hours with or without special permission, depending upon their GPAs, as stated below.

Additional Hours Without Special Permission

Load limits without special permission include all college courses, OLIS or otherwise, being taken at SBU or elsewhere. Advisors will approve schedules with additional hours when the student's GPA range is one of the following:

Cumulative GPA	Fall/Spring	January/June/July
2.50-3.00	18 hours	5 hours
3.01-4.00	19 hours	6 hours

(**NOTE**: More than 6 hours in a J-term is not permitted. More than 20 hours in a fall or spring semester is not permitted.)

Repeating Courses

Courses taken at Southwest Baptist University for which the grade is F or D may be repeated only twice. Courses taken for which the grade is C can be repeated only once. Courses taken for which the grade is B cannot be repeated. Exception to the number of times a course can be repeated may be granted only by the Provost. **If the course is repeated at another college or university, approval must be received from the appropriate SBU department chair or the general education committee if it is a general education course. To ensure that the course will transfer, it is recommended**

that the student get the department chair's or general education committee's approval prior to enrolling in the course.

Pass-Fail Option

The pass-fail option is intended to encourage students in and provide them with opportunities to pursue specialized or outside interests without penalty or reduction in GPAs. This policy provides students with the opportunity for broadening their backgrounds and gaining knowledge in fields that might allow them to be more versatile and productive.

In order to take a course that is normally offered on a graded basis, the student must complete a Pass-Fail form and submit it to the Registrar's Office before the end of the period at the beginning of the semester to add courses. This form is to be signed by the student and the Registrar.

NOTE: Students should be aware that some universities, graduate schools, and professional schools do not accept credit for courses that have been assigned grades of P. Students would be advised not to take P/F courses if there is a possibility that the course might serve as a prerequisite for acceptance into a graduate, professional, or some other academic program.

Students may enroll in one P/F course per semester under the following conditions:

1. Courses taken under the P/F option cannot be used to satisfy general education (except those taken as credit by examination), major, minor, professional education, pre-professional, or graduation requirements. P/F grades may be given in internships, field experiences, and ICS mission trips.
2. Honors classes cannot be taken on a P/F basis.
3. Students can make changes from graded to P/F or from P/F to graded only during the period in which courses may be added.
4. Students earning grades of A, B, or C in courses for which they were enrolled on a P/F basis will receive a P; those receiving a D or F will receive an F for the course.
5. A P grade will not affect the GPA; however, an F will adversely affect the GPA as do F's in graded courses.
6. The P/F option is not available for the repeating of courses for which students have received letter grades.
7. Instructors are not informed of students enrolled in their courses on the P/F basis. Final grades are converted to this system in the Office of the Registrar.

Declaring an Academic Major

Students admitted to the university should select an academic major during their second semester at SBU. At this time they will be assigned an advisor in their major. Those who are undecided on a major will be advised by the faculty in the University Success Center who initially advise all entering first-year students. Some academic majors have competitive, limited enrollment and/or specific requirements which must be met before acceptance into the program. Program requirements are listed by major in other sections of this catalog.

Changing an Academic Major

Students may change their majors by obtaining the Request for Changing/Adding/Deleting a Major/Minor form from the office of the dean of the college in which the new major resides. The form is signed by both the student and an appropriate faculty member. If approval for the change of major is given, the student takes the request form to the office of the dean of the college in which the new major resides for final approval.

Credit Check – Degree Audit

When a student has earned between 70 and 80 hours toward a bachelor's degree at Southwest Baptist University, he or she must request an official program evaluation at the Registrar's Office. A student pursuing an associate degree must request a program evaluation between 30 and 35 credit hours. The program evaluation details both the student's progress and the degree requirements yet to be met.

Final Examinations

All students are required to take final examinations. Final examinations are scheduled during the last week of each semester. In the event of unusual circumstances, students may request to take an examination at an alternate time. Such requests must be presented to the instructor of the course and the dean of the college in which the course is taught. (See Special Fees.)

A student who has three or more final examinations on the same day can change a final exam to an alternate time without cost. It is recommended that the middle final exam be changed. This is handled through the instructor of the course and the office of the dean in whose college the course resides.

Attendance

Every course taught at Southwest Baptist University shall have an attendance policy that is part of the course syllabus. To receive the most benefit from course work, the student is expected to attend all class sessions.

- If attendance is used as a part of the student's grade for the course, the syllabus shall contain an explanation of the rationale for the attendance component of the grade and the consequences of an absence.
- The attendance policy shall conform to the provisions of the *Southwest Baptist University Catalog* and *Student Handbook* regarding absences for Illness, Family Emergency, University Sanctioned Event, or Extraordinary Circumstances Beyond the Control of the Student but Deemed Excusable by the Instructor.
- Students shall be allowed to make up each assignment/test missed for one of these reasons with an assignment/test of equal value and equal course content.
- Performance-based, group sensitive, and other such courses dependent upon restrictive performance attendance, restrictive scheduling, and time issues (such as clinical certification requirements) cannot offer separate make-up assignments and will necessarily maintain more strict policies regarding the attendance component and its effect on the final grade.
- Exceptions to this policy must be approved by the Dean of the appropriate college.

Reporting Absences

Students should first attempt to communicate directly with their instructors regarding class absences. The following procedures exist for the purpose of enabling students to obtain official documentation in cases where absences are due to illness, family emergency, or a University-sanctioned activity.

1. **ILLNESS.** Upon the first day of return to class, the student is required to provide the instructor with written verification of illness by the director of health services or from a practicing doctor or nurse. In the event that a student is absent for three or more days, the student should contact the Office of Student Life (417-328-1885). The Office of Student Life will notify the Office of the Provost. The Office of the Provost will notify the appropriate faculty members.
2. **FAMILY EMERGENCY.** A family emergency consists of a death in the family, a serious illness of a family member, a serious accident involving a family member, or some other family crisis. A student who finds it necessary to be away from campus and absent from class due to a family emergency should contact the Office of Student Life (417-328-1885) who will notify the Office of the Provost. The Office of the Provost will notify the appropriate faculty members.
3. **UNIVERSITY-SANCTIONED ACTIVITY.** The student is responsible for insuring that the instructor is notified by the sponsor or coach regarding the activity . The instructor should be notified prior to the class absence, and the student is responsible for all make-up work prescribed by the instructor.

Changes of Enrollment

The time for enrollment in classes is limited to the first seven class days of each semester. International students and those students returning from active military duty may enroll in classes during the first two weeks of each semester. Classes may be added during the first two class days of the Winterfest term and four-week summer terms or during the first four class days of the eight-week summer term.

Withdrawing from (Dropping) a Class

Students may, with the approval of the advisor, discontinue (drop) any class for which they are registered. To do so, students are to procure a Drop/Add a Class form from the Office of the Registrar or their advisor, secure the signature of their advisor and the instructor of the course they are dropping, and return the form to the Office of the Registrar. Discontinuing a course will affect students' records as follows. Students who officially withdraw from a course before the end of the tenth week of class meetings (before the end of 60% of class meetings for shorter terms) will receive a W (withdraw while passing) grade for the course. After the end of the tenth week of class meetings (after the end of 60% of class meetings for shorter terms), students who withdraw from a course they are failing will receive an F grade for the

course. After the end of the tenth week of class meetings (after the end of 60% of class meetings for shorter terms), students who withdraw from a course they are passing will receive a W grade for the course. Discontinued attendance of a class without securing a drop form does not constitute an official drop and will result in students being charged for the course and receiving a grade of F. An incomplete (I) grade is given only if circumstances beyond the student's control prevent completion of required course work during the semester. If the work is not satisfactorily completed within one year, the Incomplete (I) converts to an F. Students dropping a course will be charged $75 per dropped class after the change of enrollment period.

Withdrawing from School

If a student withdraws from school after the tenth week of classes, a W (withdraw while passing) grade will be assigned in all courses in which the student is passing the course as of the date of withdrawal, and an F grade will be assigned in all courses in which the student is failing as of the date of withdrawal.

Administrative Withdrawal

If a student misses four or more consecutive class periods in all of his or her classes without having notified the University, the following procedure will be followed:

1. The student will be summoned by the Vice President for Student Development or the Director of the branch campus.
2. The student will be encouraged to attend class.
3. Failure of the student to attend classes may result in the student being administratively withdrawn from his or her class schedule.
4. If the student is administratively withdrawn, then he or she will no longer be allowed to live in the dorm.
5. If the last date of attendance is prior to the last day to drop without penalty, the student who is administratively withdrawn will be given W's in all courses.
6. If the last date of attendance is after the last day to drop without penalty, the student who is administratively withdrawn will be given W's in all courses that were being passed and F's in all courses that were being failed.
7. Any student who has been administratively withdrawn for two semesters will have to apply for special permission to be readmitted to Southwest Baptist University.

Academic Standing

Students are encouraged to plan their course loads in order to complete approximately one-fourth of the graduation requirements each year. However, because the abilities and the rates of progress of students vary, the following categories are delineated for assisting students in developing a reasonable academic and extra-class load.

Class Standing	Credit Hours	Minimum Institutional Cumulative GPA
Freshman	0-29	1.60
Sophomore	30-63	1.77
Junior	64-95	1.90
Senior	96	2.00

1. Only degree-seeking undergraduate students will have their academic progress reviewed after every regular semester.
2. Students under a notice of probation, special guidance, academic difficulty, or academic review who improve their statuses due to their Winterfest or Summer grades will be notified by the Provost.
3. Academic Review is a classification that will be given to degree-seeking undergraduate students Brwho have attempted fewer than 12 semester institutional hours and whose institutional cumulative GPA is less than 2.000. Once students have attempted 12 or more institutional hours they will be reviewed like all other students. Students on Academic Review may enroll in a normal load for the next semester. Special restrictions may be placed upon subsequent course loads, if the student's academic progress does not improve.
4. Credit hour restrictions may be waived under special circumstances as determined by the advisor and approved by the Provost.

5. For students to be in acceptable academic standing in order to represent SBU in extra-class activities, they must achieve academic standings that are at or above the special guidance level for their class standing.
6. Students who are not in good standing will receive notification from the Provost at the end of each semester.

NOTE: Institutional GPA is the normal criterion used in determining academic progress. In order to graduate from Southwest Baptist University, a student must earn an average of two grade points (2.0) for each credit hour's work attempted, including at least an average of two grade points (2.0) in the major (Note: Some majors require a GPA higher than 2.0 points for all course work in the major.) and including at least a two grade point average (2.0) in all work taken at Southwest Baptist University.

Credit Hour Restrictions
Part-Time Students

Class Standing	Institutional G.P.A.	Academic Standing	Semester Hour Limit
Freshman	1.600-1.999	Academic Difficulty	10 semester hours
(12-29 credit hours)	1.000-1.599	Special Guidance	8 semester hours
	Less than 1.000	Probation	6 semester hours
	No discernible improvement	Dismissal	
Sophomore	1.770-1.999	Academic Difficulty	10 semester hours
(30-63 credit hours)	1.300-1.769	Special Guidance	8 semester hours
	Less than 1.300	Probation	6 semester hours
	No discernible improvement	Dismissal	
Junior	1.900-1.999	Academic Difficulty	10 semester hours
(64-95 credit hours)	1.600-1.899	Special Guidance	8 semester hours
	Less than 1.600	Probation	6 semester hours
	No discernible improvement	Dismissal	
Senior	1.800-1.999	Special Guidance	8 semester hours
(96 or more credit hours)	Less than 1.800	Probation	6 semester hours
	No discernible improvement	Dismissal	

Credit Hour Restrictions
Full-Time Students

Class Standing	Institutional G.P.A.	Academic Standing	Semester Hour Limit
Freshman	1.600-1.999	Academic Difficulty	15 semester hours
(12-29 credit hours)	1.000-1.599	Special Guidance	14 semester hours
	Less than 1.000	Probation	12 semester hours
	No discernible improvement	Dismissal	
Sophomore	1.770-1.999	Academic Difficulty	15 semester hours
(30-63 credit hours)	1.300-1.769	Special Guidance	14 semester hours
	Less than 1.300	Probation	12 semester hours
	No discernible improvement	Dismissal	
Junior	1.900-1.999	Academic Difficulty	15 semester hours
(64-95 credit hours)	1.600-1.899	Special Guidance	14 semester hours
	Less than 1.600	Probation	12 semester hours
	No discernible improvement	Dismissal	
Senior	1.800-1.999	Special Guidance	14 semester hours
(96 or more credit hours)	Less than 1.800	Probation	12 semester hours
	No discernible improvement	Dismissal	

Appeals Procedure for Academic Probation and Dismissal
A student desiring to appeal the academic standing designation of probation or dismissal should send a letter to the Office of the Provost. The appeal letter must clearly state and explain:

a. Any unexpected, unavoidable, or otherwise extenuating circumstances that prevented the student from attaining or maintaining necessary academic progress.
b. What has been done by the student to prevent further academic difficulties.

The Deans Council will review appeals within the last two weeks before each semester begins. Appeal letters for the fall semester must be received at least two weeks prior to the beginning of the semester. The Provost will preside at the review session. The chairperson of the Academic Advisory Committee will provide background information for each student's appeal. The student may be invited to attend the review session. A final decision by the Deans Council will be made in closed session. The student will be told at the review session when and how he/she will be notified before the first day of classes. The Deans Council may uphold the original decision or rescind the original decision and specify the academic standing placed upon the student. The advisor of the student, the chairperson of the Academic Advisory Committee, and the student will be notified of the decision of the Deans Council.

Academic Policies

Academic Integrity (adopted by the Faculty Senate November 3, 2000)
Class C violations consist of unacceptable moral or ethical behavior, serious law violation(s), serious damage to property, or behavior that is harmful (or potentially harmful) to self, others, or the University. Therefore, the following class C violations are considered potentially dismissible offenses, depending on the severity of the incident.

1. Violation of federal, state, or local laws.
2. All forms of academic dishonesty such as plagiarism, cheating, and violation of the computing resources policy. The computing resources policy appears in the SBU Student Handbook under Services for Students.
    a. Plagiarism:
        i. Using the ideas or writings of another as one's own;
        ii. Appropriating passages or ideas from another and using them as one's own, as defined in the ***American Heritage Dictionary of the English Language, New College*** Edition published by Houghton-Mifflin, 1980.
        iii. Examples of plagiarism include, but are not limited to:
            1. Using ideas, words or phrases, and/or wholesale scripts from another's work without proper acknowledgment.
            2. Submitting the same work in two courses without the written permission of each instructor.
        iv. Additional examples of plagiarism may be found in the textbooks for English Composition I and II.
    b. Cheating:
        i. To deceive by trickery;
        ii. To mislead;
        iii. To practice fraud; and/or
        iv. To act dishonestly, as defined in the American Heritage Dictionary of the English Language, New College Edition published by Houghton-Mifflin, 1980.
        v. Examples of cheating include, but are not limited to:
            1. Collaborating without authorization.
            2. Presenting work done by another as one's own, either in part or in whole.
            3. Altering a paper or other evaluation instrument after the grade has been assigned for the purpose of misrepresenting the student's performance.
            4. Enlisting another person to take one's evaluation procedure.
            5. Using prohibited sources of information for examinations or other testing procedures.
            6. Knowingly providing any unauthorized assistance to other students.
            7. Falsifying or changing information concerning academic achievement.

8. Facilitating any act that promotes academic dishonesty, including the withholding of information concerning the academically dishonest conduct of another.

ACADEMIC DISHONESTY SANCTIONS
Academic dishonesty is a Class C offense and is subject to faculty sanctions, and disciplinary sanctions falling under the Vice President for Student Development and should be reported to the Vice President for Student Development using the Academic Infraction Form. Faculty sanctions may include any of the following sanctions, or sanctions approved and included in the course syllabus:

1. Denying or reducing credit for an assignment or examination.
2. Requiring additional assignments and/or examinations.
3. Lowering the student's course grade.
4. Issuing a failing course grade.
5. Recommendations for further actions that are recorded on the Academic Infraction Form routed to the Vice President for Student Development.

Academic Dishonesty Appeal Policy

Once an academic sanction is given by a faculty member, a student has the right to:

- Accept the decision and consequence.
- Appeal the decision to the Academic Chair responsible for the subject area. The appeal must arrive within five school days of the date of the imposed sanction. The appeal letter should include supportive information that justifies the reason for the appeal.

Upon receipt of an appeal letter, the Academic Chair will in a timely manner investigate the allegation, and if necessary, collect resources from the faculty member and from the accused. The accused will be given the opportunity to respond to any questions posed by the Academic Chair regarding the allegation. In addition, the faculty member making the allegation will also be given an opportunity to respond to any questions from the Academic Chair.

The Academic Chair may:

- Reverse the finding and dismiss the case.
- Confirm the finding and the sanction imposed.
- Confirm the finding and alter the sanction.

Notification of the Academic Chair's decision will be issued to the faculty member and accused. Upon notification, all documentation will be forward to the Academic Chair's Dean. Upon notification, the student within five days may:

- Accept the decision of the Academic Chair.
- Appeal to the Academic Chair's Dean.

The decision of the Academic Dean shall be final and all documentation will be forwarded to the Vice President for Student Development.

Grade Appeal Policy

In a case in which a student has a grievance regarding a final course grade, the student should first attempt to resolve the matter with the instructor. If the grade dispute is not resolved at this level, the student may initiate a formal written appeal with the following provisions and/or guidelines:

1. Only the final overall course grade may be appealed. The student may not appeal any one individual test or assignment grade.
2. No one may substitute personal judgment for that of the instructor in regard to the quality of the student's work; therefore, evidence must be shown of any deviation from established procedure that adversely affects the student in the assignment of the letter grade for the course.
3. The appeal must be initiated within one calendar year from the day the final grades were due for that term, as specified in the catalog for that school year.

4. Any grade appeal must be submitted in writing using the Grade Appeal form obtained from the Registrar's Office.
5. The formal appeal begins when the student presents the Grade Appeal form to the instructor for his/her signature.
6. The chain of appeal is:

For Undergraduate (U) Courses

a. Course Instructor.....(by conference, but must be documented)
b. Department Chairperson .....(by conference, but appeal must be in writing)
c. College Dean.....(by conference, but appeal must be in writing)
d. Grade Appeal Panel .....(formal hearing, but appeal must be in writing)

For Graduate (G) Courses

a. Course Instructor.....(by conference, but must be documented)
b. Graduate Program director.....(by conference, but appeal must be in writing)
c. College Dean.....(by conference, but appeal must be in writing)
d. Grade Appeal Panel .....(formal hearing, but appeal must be in writing)

The first three of the above stages should occur within 20 school days of the initiation of the appeal. Both the student and the instructor are required to meet with the department chairperson (U) or graduate program director (G) and the appropriate dean for those respective conferences. Witnesses may be called to support any evidence presented. If, at either conference level, all parties agree to a grade change, the instructor of the course will complete and sign the Change of Grade form, which is then sent directly to the Registrar.

If the instructor of the course is the department chairperson (U) or graduate program director (G), the student may elect to initiate the formal appeal directly to the appropriate dean. If the instructor of the course is a dean, the formal appeal is normally initiated with the department chairperson (U) or graduate program director (G), but the appeal then goes directly to the Grade Appeal Panel. In unusual cases in which the course is taught by the dean, the student may elect to take the grade appeal directly to the Grade Appeal Panel, effectively bypassing the appropriate department chairperson (U) or graduate program director (G) and the appropriate college dean.

Any request for a review by the Grade Appeal Panel should be made within 20 school days of the most recent appeal decision. Extenuating circumstances, especially during the summer months, may prolong this part of the grade appeal process. This request is made by taking the Grade Appeal form to the Office of the Provost. The Provost will send the form and any related written statements to the Chair of the Academic Advisory Committee.

7. The Grade Appeal Panel is to consist of three faculty members selected at random from the current Academic Advisory Committee; however, faculty members from the department or college being affected are not to be members of the panel. If the grade appeal is for a graduate level course then a member of the graduate council will also serve on the Grade Appeal Panel in lieu of one member of the Academic Advisory Committee. The chairperson of the panel is to be selected at random from the panel chosen. The Grade Appeal Panel will meet in closed session after the formal hearing for further discussion as necessary. The Grade Appeal Panel will make its final recommendation to the Provost by simple majority secret ballot.

   Both the instructor and the student should be prepared to appear before the Grade Appeal Panel to present their cases formally. Witnesses may be called to support any evidence presented. A faculty member from the department affected may be called to answer any procedural questions.

   The instructor and the student will appear separately before the Grade Appeal Panel to present their cases formally. Additional parties attending the hearing will be limited to those who were witnesses to any pertinent events or can provide first-hand testimony of the essential facts of the case. In addition, a faculty member from the instructor's department may be called to answer any questions related to the standard operating procedures of that department. At the discretion of the chair, the panel may separately recall either the student or the instructor to clarify any discrepancies in their respective testimonies. In extenuating circumstances, as determined by the current chairperson of the Academic Advisory Committee, previous chairpersons of the Academic Advisory Committee may be called upon to serve on the Grade Appeal Panel.

   NOTE: This is the highest level of appeal. No further appeal is possible.

8. The recommendation of the Grade Appeal Panel will be forwarded to the Provost for action, with the understanding that there will be no grade change without the explicit recommendation of the Grade Appeal Panel. If the grade is changed, the Provost will complete and sign the Change of Grade form, which will be sent directly to the Registrar.
9. All of the appeal decisions are to be made within 24 hours of the conference or hearing. The results of the grade appeal will be put in writing and sent to the student and the instructor within two school days. The Change of Grade form will be sent directly to the Registrar. The entire grade appeal process should be completed within 60 school days of its initiation.
10. An initiated formal appeal that is withdrawn may not be resubmitted.
11. Confidentiality is maintained at all times in accordance with the Family Educational Rights and Privacy Act.

Enrichment Opportunities

Independent Study

In order to enrich the curriculum and challenge capable students to develop research abilities, each department offering a major provides opportunity for independent study for university credit in areas not studied as part of the regular curriculum. Students are enrolled in independent study according to these guidelines:

1. Independent Study (4991-3) is to be designed to broaden students' knowledge in their major fields by providing directed individual research or study in areas not covered in catalog courses.
2. These studies are limited to juniors and seniors who have at least a 2.75 GPA in their major field.
3. At least one-half of the course work required for a major must be completed prior to enrolling for an independent study course.
4. A maximum of three semester hours may be earned by independent study in any major field.
5. Students have full responsibility for initiating (in consultation with the supervising professor) the proposal for continuing the study and for completing all work for the course.
6. As a part of the application process, the student must do preliminary planning and complete an Independent Study Proposal form.
7. The Independent Study Proposal form must have the approval of the project supervisor, the department chairperson, and the college dean.
8. Students may enroll in an Independent Study course within the regular enrollment period at the beginning of the semester and only after the Independent Study Proposal has been approved.

International Studies Program

The International Studies program is built on the supposition that every full-time student should be presented with the opportunity to have an international education experience. This is in keeping with Southwest Baptist University's mission statement of "preparing students to be servant leaders in a global society." The program provides opportunities for faculty and students to teach and study abroad and at home. The program welcomes international students to become an integral part of the Southwest Baptist University campus family. The University encourages all students to share in promoting cultural, educational, and social exchanges.

SBU offers students the opportunity to study overseas or at other locations within the United States. Overseas study is taken at universities in the host country. An explanation of the billing and payment process will be explained when the student meets with the Director of External Studies to initiate the study abroad process. The External Studies office is located in the University Success Center.

For most programs, a student must have completed two years of university-level study, have a GPA of 2.75, and have completed English Composition II or Honors English. If the language of the host country is other than English, students must have sufficient command of the language to benefit from lectures or be enrolled in a language instruction program in the host country. Courses to be taken overseas must be approved by the major advisor and the Director of External Studies. All courses must be taken for letter grades and will be posted to the student's transcript once the student requests a registrar-to-registrar transcript. Fees are paid through Southwest Baptist University.

Consortium for Global Education

Nearly 50 private U.S. colleges and universities have come together in a consortium to assist in the development of international education. Working both individually and in small groups, CGE member institutions have established an estimated 300 partnerships with some of the world's most prestigious universities in 80 different countries. The programs range from extended, two-way exchanges of students and faculty to summer programs for intensive study of culture and foreign language, seminars in economic development, delegation site visits, and brief conferences and symposiums for institutional representatives. Consortium members have a commitment to international education, service, and sharing. CGE encourages geographic diversity in its outreach through university programs. (For more information contact the Director of External Studies.)

Council for Christian Colleges and Universities

As an institutional member of the Council for Christian Colleges and Universities (CCCU), SBU students have a variety of additional study opportunities. These include the American Studies Program, Australia Studies Centre, China Studies Program, Contemporary Music Center, Latin American Studies Program, Los Angeles Film Studies Center, Middle East Studies Program, Oxford Summer Programme, Russian Studies Program, Scholars' Semester in Oxford, Washington Journalism Center, and Uganda Studies Program. While some of these programs are not directly sponsored by the Council, oversight for each is guided by at least 10 participating colleges within the Council membership. (For more information contact the Director of External Studies.)

Fulbright Scholar Program

The Fulbright Scholar Program makes grants to U.S. citizens and nationals of other countries. These grants are provided for a variety of educational activities, primarily university teaching, advanced research, graduate study, and teaching in elementary and secondary schools. Grants for foreign nationals are available through the bi-national commission/foundation or U.S. embassy in the country of citizenship. The Fulbright Scholar-in-Residence Program also provides opportunities for U.S. host institutions to sponsor visiting lecturers.

ATHLETIC ADVISING INFORMATION

NCAA Eligibility Requirements

- Must earn 24 hours a year. Summer courses count in the previous year's total. (Credits earned in summer count toward the 24 hours required from the prior year.)
- Of those 24 hours, a minimum of 18 hours must be earned during the regular academic year (fall/spring).
- A student must earn a minimum of 9 hours credit every semester in order to be eligible.
- GPA requirement of 2.0 prior to the beginning of each fall term and be in good academic standing at SBU, along with making progress toward degree completion.

Developmental Courses

- Developmental course (Pre-Algebra, Intermediate Algebra and English Skills) hours only count toward hours for NCAA eligibility in a student's first year of college. If a student needs developmental courses after the first year, the following should be considered to help ensure the student meets the NCAA hour requirements:
    - It may be best to not enroll a student in more than one developmental course per semester.
    - In many cases, a student enrolled in a developmental courses would need to be enrolled in at least 15 hours (12 countable + 3 developmental).

COLLEGES AND ACADEMIC DEPARTMENTS

Areas of Study **68**

Ed & Theo Clark University Success Center **71**

Gordon & Judy Dutile Honors Program **73**

Interdisciplinary Studies Program **75**

General Education and Graduation Requirements **77**

Robert W. Plaster College of Business and Computer Science **81**
DEPARTMENT OF ACCOUNTING 83
DEPARTMENT OF BUSINESS ADMINISTRATION 84
DEPARTMENT OF COMPUTER AND INFORMATION SCIENCES 87

The Courts Redford College of Theology And Ministry **95**
DEPARTMENT OF CHRISTIAN MINISTRY 96
DEPARTMENT OF THEOLOGY 99

College of Education and Social Sciences **103**
DEPARTMENT OF BEHAVIORAL SCIENCES 103
DEPARTMENT OF EDUCATION 112
DEPARTMENT OF KINESIOLOGY 117
DEPARTMENT OF HISTORY AND POLITICAL SCIENCE 119

Geneva Casebolt College of Music, Arts and Letters **125**
DEPARTMENT OF ART 125
BOB R. DERRYBERRY SCHOOL OF COMMUNICATION ARTS 130
DEPARTMENT OF LANGUAGE AND LITERATURE 134
DEPARTMENT OF MUSIC 140

College of Science And Mathematics **149**
DEPARTMENT OF ATHLETIC TRAINING 149
DEPARTMENT OF BIOLOGY 154
DEPARTMENT OF CHEMISTRY AND PHYSICS 156
DEPARTMENT OF MATHEMATICS 163
PRE-PROFESSIONAL STUDIES 165
DEPARTMENT OF PHYSICAL THERAPY 168
DARRELL R. STRAIT CENTER FOR THE INTEGRATION OF SCIENCE AND CHRISTIAN FAITH 170

Mercy College of Nursing and Health Sciences **173**
Department of Undergraduate Nursing – Springfield 173
Department of Health Sciences 182
Department of Radiography 187

Areas of Study

The academic enterprise of Southwest Baptist University is conducted within the framework of six colleges: Robert W. Plaster College of Business and Computer Science; The Courts Redford College of Theology and Ministry; College of Education and Social Sciences; Geneva Casebolt College of Music, Arts, and Letters; College of Science and Mathematics; and Mercy College of Nursing and Health Sciences. The following majors, minors, associate degrees, and certificates are offered in the various disciplines of these colleges.

Major	Degree	Concentrations Available
Accounting	B.S.	
Accounting & Information Assurance	B.S.	
Art, General	B.S.	Two-dimensional Studio, Three-Dimensional Studio
Art, Commercial	B.S.	Graphic Design, Digital Imaging
Art Education	B.S.	
Athletic Training	B.S.	
Biblical Studies	B.A.	
Biology	B.A., B.S.	Biomedical Science, Environmental Biology/Field Biology, General Biology
Biology Education	B.S.	
Business	A.S., A.A.S.	
Business Administration	M.B.A.	Business Administration, Health Administration Core
Chemistry	B.A., B.S.	
Chemistry Education	B.S.	
Christian Ministry	B.A. B.S.	Pastoral Ministry, Educational Administration in the Church, Children's Ministry, Youth Ministry, Cross-Cultural Ministry Educational Administration in the Church, Children's Ministry, Youth Ministry
Christian Studies (requires a second major not from Redford)	B.A., B.S.	
Communication	B.A., B.S.	
Community Paramedic	Certificate	
Computational Finance	B.S.	
Computer Information Science	B.S.	
Computer Science	B.S.	
Computer Science Education*	B.S.	
Criminal Justice	B.S.	
Cybersecurity	B.S.	
Economics/Finance	B.S.	
Education	A.A., A.S., M.S.	
Educational Administration	Ed.D., Ed.S., M.S.	
Elementary Education	B.A., B.S.	Early Childhood Education, Middle School (one area)
Emergency Medical Technology	A.A.S.	Basic, Paramedical
English	B.A.	
English Education	B.S.	
Exercise Science	B.S.	
General Business	B.S.	
General Studies	A.A., A.S.	
Health Sciences	A.S., A.A.S B.S.,	
History	B.A., B.S.	

Major	Degree	Concentrations Available
Integration of Science & Christian Faith (requires a second major)	B.S.	
Intercultural Studies	B.A.	
Interdisciplinary Studies	B.A., B.S.	
International Business	B.S.	
Journalism/Mass Communication	B.A., B.S.	
Management	B.S.	
Marketing	B.S.	
Mathematics	B.A., B.S.	
Mathematics Education	B.S.	
Medical Technology	B.S.	
Middle School Education	B.A., B.S.	(Select two) Language Arts, Mathematics, Science, Social Science, Speech/Theatre
Ministry	A.A., A.S.	
Music	B.A, B.S.	General Music
Music, Church	B.M.	Vocal, Keyboard, Instrumental
Music Education	B.M.	Instrumental, Vocal
Music with Elective Studies in an Outside Field	B.M.	
Nursing	M.S.N., B.S.N., A.S.N.	
Organizational and Strategic Communication	B.A., B.S.	
Physical Education	B.A., B.S.	Certification K-12
Physical Therapy	D.P.T. (entry-level)	
Physics (requires a second major except for the pre-medical or 3/2 pre-engineering option)	B.S.	Pre-Engineering Physics with a Pre-Medical Concentration
Political Science	B.A., B.S.	
Psychology	B.A., B.S.	Sports Performance Enhancement
Public Relations	B.S.	
Radiography	A.S.R.	
Religion and Philosophy	B.A.	
Social Science Education	B.S.	
Social Work	B.S.W.	
Sociology	B.A., B.S.	
Spanish	B.A.	
Spanish Education K-12	B.A.	
Speech Communication and Theatre Education	B.S.	
Sport Management	B.A., B.S.	Sport Administration, Fitness and Wellness Administration
Sports Marketing	B.S.	
Sports Medicine	B.S.	
Theatre	B.A.	
Teaching	A.A., A.S.	
Web Systems and Design	B.S.	
Writing	B.A.	

NOTE: The Associate of Arts (A.A.) and the Associate of Science (A.S.) degrees in general studies are assigned to the College of Education and Social Sciences.

MINORS - Baccalaureate level

Accounting, Art, Biblical Studies, Biblical Language, Biology, Business Administration, Chemistry, Children's Ministry, Christian Education, Communication, Computer Science, Computer Information Science, Counseling, Criminal Justice, Cybersecurity, Economics, English, Evangelism, Gerontology, History, Information Assurance, Integration of Science and Christian Faith, Intercultural Studies, Interdisciplinary Studies, Leadership, Mathematics, Military Science, Music (Church Music), Music (General), Music (Piano Pedagogy), Musical Theatre, Philosophy, Physics, Political Science, Pastoral Ministry, Psychology, Sociology, Social Welfare, Spanish, Speech Communication and Theatre, Theatre, Theology, Writing, Youth Ministry

Teaching Certificates

Art, Biology Education, Chemistry Education, Computer Science Education*, Elementary, English, Mathematics, Middle School, Music (instrumental, vocal), Physical Education, Social Science, Spanish Education K-12, Speech Communication and Theatre, Unified Science: Biology, Unified Science: Chemistry

*** Important Note:** Computer Science Education majors are not able to earn computer science education certification in the state of Missouri as the certificate does not currently exist.

Certificates (Stand Alone Certificates)
Community Paramedic

Certificates (To be completed in conjunction with a degree)
Child Care Work

The Branch Campuses are approved to offer the following degrees:

- Salem Campus: B.S. in Psychology; B.S. in Sociology; A.A. in Ministry, A.S. in Ministry, A.A. in Teaching; A.S. in Teaching; and A.A.S. in Health Sciences
- Mountain View Campus: B.S. in Elementary Education; B.S. in General Business; A.A. in Ministry, A.S. in Ministry, A.A. in Teaching; A.S. in Business; A.S. in Teaching; A.A.S. in Business; and A.A.S. in Health Sciences
- Springfield Campus: A.S.N. in Nursing; B.S.N. in Nursing; M.S.N. in Nursing Education; B.S. in Health Sciences; A.S. in Health Sciences; A.A.S. in Health Sciences; A.S.R. in Radiography; and A.A.S. in EMT

The following degrees can also be completed at the Salem and Mountain View Branch Campuses with ITV, OLIS courses, or internships required:

A.A.S. Business
A.A.S. Emergency Medical Technology – Basic (Salem campus only)
A.A.S. Emergency Medical Technology – Paramedical (Salem campus only)
A.A.S. Health Science
A.A. Teaching
A.S. Business
A.S. General Studies
A.S. Health Science (Salem campus only with coordination with Springfield campus)
A.S. Teaching
B.S. General Business
B.S. Criminal Justice
B.S. Elementary Education
B.S. Health Science (Salem campus only with coordination with Springfield campus)
B.S. Psychology
B.S. Sociology

Ed & Theo Clark University Success Center

Director, Dana Steward
Office: Mabee Chapel 102
(417) 328-1425
Faculty: Sherrie Bayer, Abbey Kimberling, Kevin Marcum, Jodi Meadows, Suzanne Powers
http://www.sbuniv.edu/academics/success-center.php

Mission Statement

The Ed & Theo Clark University Success Center is an academic program that seeks to challenge students to think critically, to identify personal values, to develop skills for college success, and to grow in Christ.

The University Success Center (USC) promotes student success through proactive advising, delivery of two general education courses (University Seminar and Introduction to Critical Thinking), and initiatives that encourage students to build relationships with the campus community. The USC faculty are responsible for advising all first-year students and all transfer students who are undecided on their major or who have less than 30 hours completed. Students are assigned an advisor in their major during the spring semester of their first year.

University Studies (2 hours)

The University Studies courses are general education courses. All first-year students are required to enroll in UNI 1111 (University Seminar) during the first semester and UNI 1121 (Introduction to Critical Thinking) during the second semester. It is recommended that transfer students take both University Studies courses within their first two semesters at SBU. These courses are designed to promote the following: an understanding of a personal value system, the skills and knowledge necessary to succeed in college, and the ability to use higher order thinking skills.

UNI 1111 University Seminar.....1 hour
UNI 1121 Introduction to Critical Thinking.....1 hour

Academic Advising

The USC faculty serves as academic advisors to all first-year students. Each student is assigned to one faculty member. The USC advisor will assist the student in developing their class schedule for the fall and spring semesters. In addition, the advisor is available to answer questions the student may have and to assist students who are struggling academically.

Run 2 Win

Run 2 Win is a voluntary program for students who desire to do well in college but need additional support to help them make a successful transition. The *Run 2 Win* Coordinator will connect the student to a peer mentor who can assist the student in the areas that need improvement. Peer mentors are upperclassmen who have attended SBU at least one year. Students and peer mentors will meet regularly to study, prioritize the student's schedule, and discuss issues that are pertinent to the student's success. The *Run 2 Win* program is located in the University Success Center.

Collaboration with Other Departments

The USC works with the Office of Admissions, the Office of Student Life, and the academic colleges to provide programs and services that will assist the first-year student in transitioning to SBU in all areas - academically, spiritually, socially and physically - and in developing a sense of belonging and identification with SBU.

Gordon & Judy Dutile Honors Program

Director: Jodi Meadows
Office: Mabee Chapel 103
(417) 328-1460
http://www.sbuniv.edu/academics/honors-program.php

The Gordon & Judy Dutile Honors Program celebrates the creational nature of human learning, and therefore values knowledge for its own sake. In addition, we recognize the wonder of creation, therefore, we learn so that we can love and serve more effectively. The Honors program also acknowledges the specific academic and advising needs of academically gifted students, and seeks to nurture those students through a community of like-academic peers, as well as through enriched academic environment and experience.

Mission Statement

The mission of the Gordon & Judy Dutile Honors Program is to support and challenge gifted students by fostering fierce curiosity, dynamic community, and holistic growth and achievement.

Goals

- To provide an enriched academic environment through honors courses and community
- To provide opportunities for leadership development
- To provide co-curricular experience that foster cultural competence and intellectual exchange
- To support holistic student development

Eligibility Requirements

Students who have at least a 28 composite ACT or its equivalent, as well as a high school GPA of 3.5 or higher are encouraged to apply to the program. Students are selected through an evaluation of high school leadership, scholarship, and service, as well as through an on-campus interview and essay.

A cohort of approximately 30 first-time freshman students is chosen to participate in the program and are notified in writing regarding their selection.

Honors Program Graduation Requirements

In order to graduate from the Dutile Honors Program, students must complete the academic, servant leadership, intercultural and spiritual components and maintain a 3.25 GPA. If a student's GPA drops below 3.25, they may continue participation in the Honors Program on a probationary basis.

Academic Component

Students enrolled in the Honors Program are required to complete a minimum of 17 hours of HON coursework from the following HON courses:

HON 1003 Honors Introduction to Fine Arts* ..... 3 hours
HON 1111 Honors University Seminar* ..... 1 hour
HON 1121 Honors Introduction to Critical Thinking* ..... 1 hour
HON 3771 Honors Colloquium (1 hour of credit; two colloquia required) ..... 2 hours
HON 477(1-3) Senior Honors Capstone Experience ..... 1-3 hours
Electives (a minimum of three courses chosen from the following):
- HON 1013 Honors American Government* ..... 3 hours
- HON 1123 Honors Composition* ..... 3 hours
- HON 2003 Honors LIFE Economics* ..... 3 hours
- HON 2013 Honors U.S. History I* ..... 3 hours
- HON 2213 Honors Fundamentals of Speech Communication* ..... 3 hours
- HON 1223 Honors New Testament History^ ..... 3 hours

* Meets general education requirements
^ Meets graduation requirement

Servant Leadership, Spiritual, and Intercultural Components

Students participating in the honors program will participate in and reflect upon three experiences during their time at Southwest Baptist University that affected their leadership, spiritual, and cultural development. In order to fulfill these requirements, students will submit reflective writing regarding their experiences to be approved by the Honors Program director.

Interdisciplinary Studies Program

Coordinator: Sherrie Bayer
Office: Mabee Chapel 104
(417) 328-2094

Southwest Baptist University recognizes the need to allow exceptional students to design their own course of study when their academic or career goals do not fit into any existing major. It is the desire of the Interdisciplinary Studies (IDS) program to allow a course of study that would enrich the student's educational experience, maximize their curricular options, correlate university disciplines and broaden their career aspirations.

Each student in the IDS program becomes an active partner in the formulation of his or her program of study, working in consultation with the IDS coordinator and other sources to devise an appropriate individual degree plan. The IDS program allows the student to draw upon the resources of all colleges and departments at SBU to create a degree program.

Program Description

Students interested in the IDS major must satisfy the criteria for the program and complete a formal application process. The student, with the assistance of the IDS Coordinator, will design a curriculum plan that includes courses from various academic disciplines along with a timetable for completion, a rationale for the proposed course of study, and method of assessment. The application which includes personal data and the student's curriculum plan must be approved by Deans Council for the student to be accepted into the IDS major.

Program Goals

- To assist students in integrating appropriate disciplines in pursuit of their academic or career goals.
- To help students achieve competency for career and academic preparations.

Program Criteria

Students interested in applying for the IDS major must meet one of the following criteria:

1. Have a minimum ACT of 24 and have completed 32 college credit hours with a cumulative grade point average of 3.00, *or*
2. Have a minimum ACT of 21 and have completed 32 college credit hours with a cumulative grade point average of 3.30.

Continued enrollment in the program would require maintenance of a 3.00 grade point average. Students who fall below the minimum GPA will be placed on academic probation. If it is determined by the IDS coordinator, faculty advisor, or department chair that a student is not able to continue in the program, the student would have the option of completing a minor in Interdisciplinary Studies. A student may only be on academic probation for one semester before being dropped from the major.

Formal Application Process

A student interested in the IDS major must meet with his or her faculty advisor to discuss the possibility of a major in Interdisciplinary Studies. If the student meets the enrollment criteria, the faculty advisor refers the student to the IDS Coordinator. If the student and IDS Coordinator agree that the IDS major is both feasible and beneficial for the student, the student will complete an application form and curriculum plan. The curriculum plan will outline the proposed course of study and timetable (semester by semester plan) as well as the rationale for combining the courses. The rationale will be a theoretical justification for combining the disciplines, including specific goals for either a career path or graduate studies. The student will need to justify why a major currently offered at SBU will not satisfy his or her career aspirations. The curriculum plan must also explain how the student will be assessed. It can include the completion of a portfolio, internship, major field test or a combination of the three. After consultation with the IDS Coordinator and any necessary revisions made, the student will submit the typewritten application and curriculum plan to the IDS Coordinator for approval. Once the IDS Coordinator approves the application and curriculum plan, the documents will be sent to Deans

Council and the Dean of the College with the highest number of hours in the proposal will present the proposal to Deans Council. The Deans Council must approve all IDS majors.

Once the Deans Council approves the proposed course of study, the IDS Coordinator will be assigned as the student's primary advisor. The student will also be assigned an advisor in the department of the major emphasis of the student's course of study.

Proposed Curriculum

The proposed curriculum of study would include a minimum of sixty (60) hours of course study combined in a minimum of two but no more than four areas of study. At least thirty (30) hours must be upper level hours (3000-4000 level courses). The proposed course of study cannot have more than fifty percent (50%) of the courses come from any one academic department.

The degree (B.A. or B.S.) designation would be determined by the focus of the program itself. Completion of the program would meet all other University graduation requirements set out in the University catalog including forty (40) hours of upper level (3000-4000 level) courses.

A minor in Interdisciplinary Studies is only available for approved IDS major candidates who fail to complete the major due to ineligibility or change of major. The minor requires twenty-one (21) credit hours with no more than twelve (12) hours to be completed from any one department.

Changes to programs of study must follow the existing academic proposal form process.

Double Majors

Double majors including a Major in Interdisciplinary Studies are not available.

Grades

No grade below a "C" will count toward the major.

General Education and Graduation Requirements

The General Education program at Southwest Baptist University introduces students to areas of study designed to foster intellectual inquiry and breadth of knowledge. These courses help equip students to be successful and educated citizens of a global community. The curriculum provides basic core courses that assure that students acquire academic skills and knowledge, regardless of their majors or areas of concentration. Students spend much of their freshmen and sophomore years taking courses in the general education program.

Mission Statement

The general education program of Southwest Baptist University seeks to provide students with the knowledge, experiences, skills, and spiritual insights that are foundational to a Christ-centered education and that support success in academic disciplines.

Vision Statement

The general education program of SBU promotes excellence in scholarship and service by:

- Encouraging students to develop and/or strengthen a personal commitment to Christ
- Enabling students to develop a biblical worldview
- Enabling students to develop knowledge and skills in communication, fine arts, the sciences, mathematics, and technology
- Preparing students to seek knowledge about the past, about current society, and about diverse cultures
- Enabling students to use the tools of research and critical thinking
- Enabling students to become lifelong learners

General Education Requirements (42 hours)

The University has adopted a 42-credit hour general education block of courses (with approved alternatives) that will satisfy the Missouri Coordinating Board of Higher Education's transfer requirements. These requirements are for all degrees at Southwest Baptist University except the Associate of Science in Nursing (A.S.N.) and the Associate of Applied Science (A.A.S.).

Communication Studies (9 hours)

ENG 1113 English Composition I *and* ENG 2213 English Composition II *or*
*#ENG 1123 Honors Composition ..... 6 hours
COM 1103 Fundamentals of Speech *or* COM 2393 Interpersonal Communication
or HON/COM 2213 Honors Fundamentals of Speech ..... 3 hours

+Humanities/Cultural Studies (5 hours)

Choose one course from the Humanities area ..... 3 hours

FAR 1003	Introduction to Fine Arts
HON 1003	Honors Fine Arts
FAR/ART 1013	Introduction to Art (required for art majors)
FAR 1023	Introduction to Music
FAR 1033	Introduction to Theatre
*MUS 1633	Survey of Music Literature (required for music majors)
PHI 2013	Philosophical Foundations for a Christian Worldview

Choose one course from the Cultural Studies area ..... 2 hours

ENG 2312	Survey of World Literature
SOC 2012	Human Diversity
ICS 2901	Same-Culture Service Project (must be 2 different projects)
ICS 2902	Same-Culture Service Project (1 culture and extended time)
ICS 2911	Cross-Cultural Service Project (must involve 2 different cultures)
ICS 2912	Cross-Cultural Service Project (1 culture and extended time)
*GEO 1103	Geography
*HIS 1113	Introduction to the History of World Civilization: From the Earliest Times to the Renaissance
*HIS 1123	Introduction to the History of World Civilization: From the Renaissance to the Present
*MUS 2602	Survey of World Music
*NUR 3393	Transcultural Nursing
*NUR/HSC 4013	Health Care in Culturally Diverse Populations

+ Courses transcripted as FAR or LIT 1953 satisfy the Humanities area; courses transcripted as HUM 195(1-3) count toward the Cultural Studies area.

Social Studies (12 hours)

ECO 2003 LIFE Economics *or* *ECO 2043/HON 2003 Honors LIFE Economics *or* *ECO 2023 Principles of Microeconomics *or* *ECO 2033 Principles of Macroeconomics ..... 3 hours

POL 1113 American Government *or* POL/HON 1013 Honors American Government ..... 3 hours

HIS 2213 History of the United States, 1492-1865 *or* HIS 2223 History of the United States, 1865-Present *or* HIS/HON 2013 Honors U.S. History I ..... 3 hours

PSY 1013 General Psychology *or* SOC 1003 Introductory Sociology *or* *EDU 2113Educational Psychology ..... 3 hours

Technical Studies (14 hours)

Life Science - BIO 1004 Principles of Biology ..... 4 hours

Computer Literacy - choose one option ..... 3 hours

CIS 1103 Computer & Information Management *or*
*CIS 1033 Foundations of Computer Science

Mathematics - choose one option ..... 3 hours

MAT 1143	College Algebra
MAT 1163	Pre-Calculus
BUS/MAT 1193	Business Calculus
MAT 1195	Calculus I
* † PSY/SOC 3243	Elementary Statistics

Physical Science - choose one option ..... 4 hours

PHS 1004	Introduction to Physical Science
PHS 1114	Introduction to Earth Science
*CHE 1004	Chemistry for Allied Health
*CHE 1104	Principles of Chemistry
*CHE 1115	General Chemistry I
*PHS 2005	Physical Science for Elementary and Middle School Teachers
*PHS 2314	Astronomy
*PHY 1115	General Physics I
*PHY 2215	University Physics I

University Studies (2 hours)

UNI/HON 1111University Seminar ..... 1 hour

UNI/HON 1121Introduction to Critical Thinking ..... 1 hour

* Approved alternatives for listed areas (consult with an advisor for possible requirements for intended major)

\# Students who transfer Honors Composition to SBU and who do not need 6 hours of composition on their transcripts, except to meet SBU's general education requirements, will have their second composition course waived as long as the transferred grade in their Honors Composition course is at least a C.

† Students with ACT math scores of 24+ may elect to take the indicated courses (or MAT 1143) to satisfy the 42-hour general education block.

Note: POL 1113 American Government meets the state statute requirement (Section 170.011.1) for the Missouri Constitution. Students transferring with a course equivalent to POL 1113 from an institution outside of the state of Missouri must complete POL 1111 to meet the state statute requirement.

Graduation Requirements

Southwest Baptist University also requires the following courses as graduation requirements, except for the A.A.S degrees. These courses help fulfill the mission of the University.

BIB 1013 Old Testament History ..... 3 hours
BIB 1023 New Testament History *or*
BIB 1223 Honors New Testament History ..... 3 hours
SPF 2012 Introduction to Spiritual Formation (A.S.N. and B.S.N. degrees require NUR 3453) ..... 2 hours
KIN 1162 Foundations of Physical Fitness/Wellness (not required for A.S.N.) *or*
* KIN 1163 Foundations of Physical Fitness/Wellness for Professionals ..... 2-3 hours
Foreign Language (2 courses in same language; required for A.A. and B.A. degrees) ..... 6-8 hours

* Approved alternatives for listed areas **Total 10-19 hours**

Associate of Applied Science - A.A.S. (21 hours)
General Education Course Requirements

Communication Studies ..... 9 hours
ENG 1113 English Composition I *and* ENG 2213 English Composition II
or
ENG 1123 Honors Composition
COM 1103 Fundamentals of Speech *or* COM 2393 Interpersonal Communication

Humanities/Cultural Studies ..... 3 hours
FAR 1003 Introduction to Fine Arts
FAR/ART 1013 Introduction to Art
FAR 1023 Introduction to Music
FAR 1033 Introduction to Theatre
HIS 1113 Introduction to the History of World Civilization: From the Earliest Times to the Renaissance
HIS 1123 Introduction to the History of World Civilization: From the Renaissance to the Present
PHI 2013 Philosophical Foundations for a Christian Worldview
Foreign language

Social Studies ..... 6-9 hours
ECO 2003 LIFE Economics *or* ECO 2043/HON 2003 Honors LIFE Economics *or* ECO 2023 Principles of Microeconomics *or* ECO 2033 Principles of Macroeconomics
POL 1113 American Government *or* POL/HON Honors American Government
PSY 1013 General Psychology *or* SOC 1003 Introductory Sociology
HIS 2213 History of the United States, 1492-1865 *or*
HIS 2223 History of the United States, 1865-Present *or*
HIS/HON 2013 Honors United States History I

Technical Studies ..... 3 hours (A.A.S.)

BIO 1004 Principles of Biology
CIS 1103 Computer & Information Management (not required for A.A.S.)
MAT 1143 College Algebra
MAT 1163 Pre-Calculus
BUS/MAT 1193 Business Calculus
MAT 1195 Calculus I
PHS 1004 Introduction to Physical Science
PHS 1114 Introduction to Earth Science
CHE 1004 Chemistry for Allied Health
CHE 1115 General Chemistry I
PHS 2005 Physical Science for Elementary and Middle School Teachers
PHS 2314 Astronomy
PHY 1115 General Physics I
PHY 2215 University Physics I

Graduation Requirements
A.A.S. degrees

The University also requires the following courses as graduation requirements for the B.A.S. and A.A.S. degrees. These courses help fulfill the mission of the University.

BIB 1013 Old Testament History ..... 3 hours
BIB 1023 New Testament History *or*
BIB 1223 Honors New Testament History ..... 3 hours
SPF 2012 Introduction to Spiritual Formation ..... 2 hours
KIN 1162 Foundations of Physical Fitness/Wellness (not required for A.S.N.) *or*
* KIN 1163 Foundations of Physical Fitness/Wellness for Professionals ..... 2-3 hours

* Approved alternatives for listed areas **Total 10-11 hours**

Robert W. Plaster College of Business and Computer Science

Troy Bethards, Dean
Office: Taylor 103 - (417) 328-1757
http://www.sbuniv.edu/academics/colleges/cobacs.php

Departments within the College

Accounting
Business Administration
Computer and Information Science

Mission Statement

The mission of the Robert W. Plaster College of Business and Computer Science is to provide educational programs in business, accounting, and computer and information sciences that integrate theories, concepts, and experiential applications with a Christian worldview.

Vision Statement

The Robert W. Plaster College of Business and Computer Science is committed to strong academic programs, the integration of faith in discipline, and a continued pursuit of student success.

Core Values

The Core Values of the Robert W. Plaster College of Business and Computer Science are:

1. Provide a student-focused education
2. Integrate Christian faith in discipline
3. Pursue continuous program review and improvement
4. Continue partnership development with current and potential employers

Specialized Accreditation

The Computer Science program at Southwest Baptist University has been accredited by ABET.

The Accreditation Council for Business Schools and Programs (ACBSP) has accredited the following programs within the Robert W. Plaster College of Business and Computer Science (COBACS):

- Accounting, B.S.
- Business Administration (Traditional), B.S.
- Computer and Information Sciences, B.S.
- Master of Business Administration, M.B.A.

The traditional business administration programs that are accredited include Management, Marketing, Economics/Finance, Public Relations, and International Business. The programs offered by the Robert W. Plaster College

of Business and Computer Science that are not accredited by ACBSP include the General Business (Non-Traditional), B.S. which is offered on the Mountain View and Salem campuses. Furthermore, the following majors have been recent additions to the College and as a result are not currently accredited: Accounting & Information Assurance, Computational Finance, Web Systems and Design, and Sports Marketing.

Faith Integration

Faculty in the College are committed to the University mission statement and to the College mission statement, which explicitly direct instruction of the College disciplines from the context of a Christian worldview. In addition to providing a strong and rigorous curriculum in each of our specialties, our duty as Christian scholars is to help frame both our discipline and the practice of that discipline within a biblical and more specifically, a Christian context. This commitment to integrate discipline with Christian faith and practice occurs throughout the courses taught within the College. Furthermore, the College has adopted Psalm 15 as a guiding principle for our students. The College is specifically dedicated to producing "Psalm 15 Professionals" for servant leadership roles in business and computer science. Using Psalm 15 as a basis, eight character traits that should be hallmarks of students and graduates of the College have been identified. These character traits are highlighted each semester and include: Integrity, Service, Respect, Charity, Faithfulness, Truthfulness, Humility, and Perseverance. Mandatory Psalm 15 Lectures are held each semester featuring guest lecturers who speak on the specific theme for that semester and relate personal experiences that highlight integrity and a Christian worldview for business leaders.

General Information

The College offers undergraduate degree programs with majors and minors within three departments. Students in other fields of study are encouraged to minor in accounting, business administration, computer science, computer information science, economics as a minor, or information assurance in order to enhance their careers. In recognition of the importance of business and computer and information science knowledge for all citizens, several departments outside of the College have developed programs that include College courses. All policies of the University apply to students who major or minor in College programs. Students must satisfactorily complete 128 hours of approved course credit in order to graduate with a baccalaureate degree. The standard semester course load required in order to earn the baccalaureate degree in eight semesters (4 years) is 16 hours. Students must maintain a minimum GPA of 2.25 and earn no more than two "D" letter grades within the COBACS core curriculum. Students must also maintain a minimum GPA of 2.25 and earn nom more than "D" letter grade within courses specific to the major (This does not apply to majors within the Accounting department. Refer to the Accounting Department for requirements related to their majors). All elective courses to be applied toward the major(s) and minor(s) must be approved by the student's advisor in the College. Students may complete two majors within one major in the Robert W. Plaster College of Business and Computer Science. The College faculty believes assessing educational outcomes in business is important. Outcomes assessment is a way to evaluate College programs and academic achievement of students in relation to similar colleges. Therefore, all graduating seniors are required to participate in an appropriate College exit exam.

Robert W. Plaster College of Business and Computer Science Core Curriculum (45 hours)

(Does not apply to Computer Science or to Web Systems and Design Majors)

All students pursuing a major from the Robert W. Plaster College of Business and Computer Science (with the exception of Computer Science or Web Systems and Design) are required to complete a common body of knowledge, referred to as the "College Core Curriculum," in addition to the University's general education requirements, graduation requirements and the courses required and approved for students' majors within the College. (Students majoring in Computer Science and Web Systems and Design do not take the "College Core Curriculum," but are required to complete the Computer and Information Science Core, which has its own support curriculum with a greater math and science focus. Majors in Computer Information Science complete both the "College Core Curriculum" and the Computer and Information Science Core.) The 45-hour Robert W. Plaster College of Business and Computer Science Core Curriculum includes the following courses:

COBACS Core Curriculum (45 hours)

ACC 2013	Principles of Financial Acct	3 hours
ACC 2043	Principles of Managerial Acct	3 hours
BUS 2013	Business Communications	3 hours
*BUS 1193	Business Calculus (BA/ACC)	
or MAT 1173	Discrete Mathematics (CIS)	3 hours
BUS 2023	Business Statistics	3 hours
BUS 3073	Legal Environment of Business I	3 hours
CIS 3303	Systems Management	3 hours
ECO 2023	Principles of Microeconomics	3 hours
ECO 2033	Principles of Macroeconomics	3 hours
FIN 3053	Business Finance	3 hours
LDR 4043	Ethics and Professional Develop.	3 hours
MGT 3013	Principles of Management	3 hours
MGT 3033	Operations Management	3 hours
MGT 4083	Strategic Management	3 hours
MKT 3023	Principles of Marketing	3 hours

**Meets the University Mathematics General Education requirement*

DEPARTMENT OF ACCOUNTING

Department Chair: Jenell Wagner
Office: Taylor 125 - (417) 328-1756
Faculty: Sharla Bailey, Kristin Edwards

The Department of Accounting provides programs of study to prepare Accounting graduates for diversified careers in the practice of public accounting, not-for-profit accounting, internal auditing, federal taxation, and general accounting management, all with a Christ-centered worldview in order to prepare the graduates to be servant leaders in a global society.

The Department of Accounting offers two Bachelor of Science degrees, one in Accounting with an academic program that covers the conceptual basis of accounting and the application of accounting concepts in current practice. The second degree in Accounting & Information Assurance includes the Accounting major and additional coursework principally in Computer Information Science. This expanded degree prepares the graduate with a fundamental understanding of accounting practices, information system design, data management and security, and data forensic principles. Accounting graduates are in high demand in business, government and non-profit organizations. A minor is also available in Accounting.

Students applying for the CPA exam must meet the Missouri State Board of Accountancy requirement of completing 150 hours of college credit. Accounting majors may consider additional undergraduate or graduate course work at SBU to satisfy the 150-hour requirement. The Accounting & Information Assurance major virtually assures 150 college credit hours will be earned.

In order to progress into the accounting major or minor and be eligible to enroll in ACC 3023 or ACC 3024, a student must have at least a 3.00 cumulative GPA in all previous accounting classes, a 2.85 cumulative GPA in all classes taken at SBU, and at least a "B" grade in BUS/MAT 1193, MAT 1195, or its equivalent. Remedial courses such as ENG 0103, MAT 0103, and MAT 0123 do not count toward the 2.85 overall GPA. Transfers to SBU must have at least a cumulative 2.85 GPA and must meet the above requirements concerning GPA on classes taken at SBU before becoming eligible for upper-level Accounting courses. Accounting majors or minors must make at least a "C" grade in all upper-level (3000 and above) accounting coursework.

Accounting Major - B.S. Degree (39 hours)

In addition to the "College Core Curriculum" of 45 hours, the Accounting major must complete the following requirements:

ACC 3023	Managerial Cost Accounting	3 hours
ACC 3024	Intermediate Accounting I	4 hours
ACC 3034	Intermediate Accounting II	4 hours
ACC 3033	Accounting Information Systems	3 hours
ACC 3063	Tax Accounting I	3 hours

ACC 3073	Tax Accounting II	3 hours
ACC 3133	Financial Information Applications & Analysis	3 hours
ACC 4013	Advanced Accounting	3 hours
ACC 4044	Auditing	4 hours
ACC 4053	Accounting for Government and Not-for-Profit Entities	3 hours
BUS 3083	Business Enterprise/Debtor and Creditor Rights	3 hours
ECO 3023	Money and Banking	3 hours

Accounting & Information Assurance Major - B.S. Degree (58 hours)

In addition to the "College Core Curriculum" of 45 hours, the Accounting & Information Assurance major must complete the following requirements:

ACC 3023	Managerial Cost Accounting	3 hours
ACC 3024	Intermediate Accounting I	4 hours
ACC 3033	Accounting Information Systems	3 hours
ACC 3034	Intermediate Accounting II	4 hours
ACC 3063	Tax Accounting I	3 hours
ACC 3073	Tax Accounting II	3 hours
ACC 3133	Financial Information Applications & Analysis	3 hours
ACC 4013	Advanced Accounting	3 hours
ACC 4044	Auditing	4 hours
ACC 4053	Accounting for Government and Not-for-Profit Entities	3 hours
BUS 3083	Business Enterprise Debtor and Creditor Rights	3 hours
CIS 1144	Computer Science I	4 hours
CIS 1163	Introduction to Cybersecurity	3 hours
CIS 2033	Principles of Information Assurance	3 hours
CIS 2213	Introduction to Systems Analysis and Design	3 hours
CIS 3013	Digital Forensics Principles and Practices	3 hours
CIS 3323	Database Management	3 hours
ECO 3023	Money and Banking	3 hours

DEPARTMENT OF BUSINESS ADMINISTRATION

Department Chair: Angela Brown-Peterson
Office: Taylor 123 - (417) 328-1754
Faculty: Troy Bethards, Aaron Black, Mary Blair, Levi Bridge,
Rod Minatra, Mel Steele, Nathan Wright, John Zietlow
Faculty Associates: Michael Calhoun, Ryder King,
Jeremy MacLaughlin, William Marr, Alexis Neal

The Department of Business Administration provides a broad curriculum of study in business-related courses with a Christ-centered worldview, preparing students for diverse, ever-changing, global careers, and equipping them for continued education and service.

The Bachelor of Science degree is offered in seven majors including: Computational Finance, Economics/Finance, International Business, Marketing, Management, Public Relations, and Sports Marketing. A Bachelor of Science degree in General Business is also offered for non-traditional students. Programs of study leading to minors in Business Administration and Economics are offered as well. The Associate of Science and the Associate of Applied Science degrees in Business are also offered. Economics/Finance majors/minors must receive at least a grade of C in ECO 2023 and ECO 2033 to continue with the aforementioned majors/minors.

Computational Finance Major - B.S. Degree (29-35 hours)

In addition to the "College Core Curriculum" of 45 hours, the Computational Finance major must complete the following requirements:

CIS1033	Foundations of Computer Science*	3 hours
CIS 1144	Computer Science I	4 hours
CIS 1154	Computer Science II	4 hours
CIS 2253	Web Engineering and Development	3 hours
ECO 3023	Money and Banking	3 hours
FIN 3003	Personal Financial Planning	3 hours
FIN 4033	Introduction to Derivatives	3 hours
FIN 4053	Investments	3 hours
FIN 4073	Insurance	3 hours
MAT 1173	Discrete Mathematics**	3 hours
Plus 3 hours upper-level COBACS courses		3 hours

*CIS 1033 can replace the general education requirement CIS 1103.
**MAT 1173 can replace the "College Core Curriculum" requirement BUS 1193.

Economics/Finance Major - B.S. Degree (27 hours)

In addition to the "College Core Curriculum" of 45 hours, the Economics/Finance major must complete the following requirements:

ECO 3023	Money and Banking	3 hours
ECO 3043	Managerial Economics	3 hours
ECO/FIN 4173	History of Finance and Economic Thought	3 hours
FIN 3003	Personal Financial Planning	3 hours
Plus 3 hours upper-level COBACS courses		3 hours
Plus 4 of the following courses:		12 hours
ACC 3063	Tax Accounting I	
ECO 3053	International Economics/Finance	
FIN 4033	Introduction to Derivatives	
FIN 4053	Investments	
FIN 4073	Insurance	

International Business Major - B.S. Degree (27-29 hours)

In addition to the "College Core Curriculum" of 45 hours, the International Business major must complete the following requirements:

BUS 4053	International Business	3 hours
BUS 4773*	International Experience	3 hours
ECO 3053	International Economics/Finance	3 hours
ECO/FIN 4173	History of Finance and Economic Thought	3 hours
ICS 4313	World Religions	3 hours
MKT 4253	Digital and Social Media Marketing	3 hours
COM 3333	Intercultural Communication *or*	
POL 3313	International Relations *or*	
POL 3323	Comparative Government	3 hours
Plus 6-8 hours of Modern Language *or*		
Second Language Proficiency and 6 hours of upper-level COBACS courses		6-8 hours

*This requirement may be replaced with a study abroad semester.

Management Major - B.S. Degree (27 hours)

In addition to the "College Core Curriculum" of 45 hours, the Management major must complete the following requirements:

BUS 4053	International Business	3 hours
ECO 3043	Managerial Economics	3 hours
FIN 3003	Personal Financial Planning	3 hours
MGT 4033	Human Resource Management	3 hours
MGT 4043	Organizational Behavior and Theory	3 hours
MGT 4063	Entrepreneurship and Small Business	3 hours
MGT/MKT 4153	Retailing	3 hours
MKT 4023	Marketing Management	3 hours
Plus 3 hours upper-level COBACS courses		3 hours

Marketing Major - B.S. Degree (30 hours)

In addition to the "College Core Curriculum" of 45 hours, the Marketing major must complete the following requirements:

ART 1103	Design	3 hours
ART 2703	Introduction to Graphic Design	3 hours
BUS 4053	International Business	3 hours
MKT 3033	Consumer Behavior	3 hours
MKT 3073	Professional Selling	3 hours
MKT 3083	Advertising	3 hours
MKT 4013	Marketing Research	3 hours
MKT 4023	Marketing Management	3 hours
MKT/MGT 4153	Retailing	3 hours
MKT 4253	Digital and Social Media Marketing	3 hours

Public Relations Major - B.S. Degree (30 hours)

In addition to the "College Core Curriculum" of 45 hours, the Public Relations major must complete the following requirements:

ART 1103	Design	3 hours
ART 2703	Introduction to Graphic Design	3 hours
BUS 4983	Internship in Business	3 hours
COM 2233	Introduction to Public Relations	3 hours
COM 3313	Advanced Public Speaking	3 hours
COM 3373	Newspaper Writing and Editing	3 hours
MKT 3033	Consumer Behavior	3 hours
MKT 3083	Advertising	3 hours
MKT 4253	Digital and Social Media Marketing	3 hours
Plus 1 of the following 3 options:		3 hours

COM 3163 Nonprofit Public Relations
COM 3263 Public Relations and Crisis Management
MGT 4033 Human Resource Management

Sports Marketing Major - B.S. Degree (32 hours)

In addition to the "College Core Curriculum" of 45 hours, the Sports Marketing major must complete the following requirements:

ART 1103	Design	3 hours
ART 2703	Introduction to Graphic Design	3 hours
BUS 4983	Internship in Business	3 hours
KIN 2092	Athletic Facilities	2 hours

KIN 4013	Sport in American Society	3 hours
MKT 3033	Consumer Behavior	3 hours
MKT 3073	Professional Selling	3 hours
MKT 3083	Advertising	3 hours
MKT 4023	Marketing Management	3 hours
MKT 4253	Digital and Social Media Marketing	3 hours
PSY 3393	Introduction to Sports Psychology	3 hours

General Business Major - B.S. Degree (54 hours)

The Bachelor of Science degree in General Business requires completion of a modified "College Core Curriculum" (39 hours) and an additional 15 hours of business courses, as well as all general education and graduation requirements for the Bachelor of Science degree. Utilizing online courses, the B.S. degree in General Business is designed for non-traditional students enrolled primarily through the University branch campuses in Mountain View, Salem, and Springfield. Information about this program can be obtained from the designated advisor at the campus or from the respective campus director.

The General Business major must complete the following requirements:

The "College Core Curriculum" *except for* BUS 1193 Business Calculus, CIS 3303 Systems Management		39 hours
FIN 3003	Personal Financial Planning	3 hours
MGT 4033	Human Resource Management	3 hours
MGT 4043	Organizational Behavior and Theory	3 hours
MGT 4063	Entrepreneurship and Small Business	3 hours
MKT 3033	Consumer Behavior	3 hours

DEPARTMENT OF COMPUTER AND INFORMATION SCIENCES

Department Chair: Tim DeClue
Office: Taylor 107 - (417) 328-1704
Faculty: James Cain, Meilani Conley,
Jeffrey Kimball, Baochuan Lu
Faculty Associate: Shelly Brown, Angela Carr

The mission of the Computer and Information Sciences Department is to provide a sound educational foundation to students in the disciplines of information and computer science from a Christian perspective.

The Program Educational Objectives of the Computer and Information Sciences Department enable graduates to:

1. Communicate effectively with their peers, clients, supervisors and other professional work constituents using both written and oral communication.
2. Understand how to make rational decisions when faced with social, ethical, and legal issues inherent to the computing field.
3. Apply the theoretical framework in the computer and information sciences to the analysis, design, and implementation of problem solutions and systems.
4. Employ the use of computing technology from a Christian perspective as technological servant leaders within their chosen career.
5. Pursue advanced degrees, continued professional development, and research.

The Department of Computer and Information Sciences provides students with a contemporary curriculum of study in computing to prepare them for careers in information processing, web software development or computer science and for

graduate or professional study. The department offers a Bachelor of Science (B.S.) Degree with a majors in Computer Science, Computer Information Science, and Web Systems and Design. The department also offers programs of study leading to a minor in Computer Science, Computer Information Science, or Information Assurance. Courses that provide general computational knowledge for students not seeking a degree offered by the Computer and Information Sciences Department are also offered.

The Bachelor of Science degree with a major in Computer Science (CS), Computer Information Science (CIS), or Web Systems and Design (WS&D) requires a minimum of 128 semester hours of credit. The majors require 28 semester hours of credit from CIS Core Curriculum and additional semester hours of credit from specific CIS support courses or the "College Core Curriculum". Remaining semester credit hours are earned from general education courses, major support courses and free electives.

Computer and Information Sciences Core Curriculum (28 hours)

CIS 1001 CIS Seminar ..... 1 hour
CIS 1144 Computer Science I..... 4 hours
CIS 1154 Computer Science II ..... 4 hours
CIS 2213 Systems Analysis and Design. ... 3 hours
CIS 3413 Machine Organization..... 3 hours
CIS 1144 requires that MAT 1143 or MAT 1195 be taken as a co-requisite

CIS 1154 requires that CIS 1001 and MAT 1173 be taken as co-requisites
CIS 2013 Networks ..... 3 hours
CIS 3323 Database Management ..... 3 hours
CIS 3333 Algorithms and Data Structures ... 3 hours
CIS 4462 Applied Software Engineering I ... 2 hours
CIS 4472 Applied Software Engineering II.. 2 hours

Computer Science Major - B.S. Degree

Designed for students interested in pursuing graduate study in computer science or who are interested in careers involving scientific information processing or software engineering. Students will complete the following courses:

CIS Core ..... **28 hours**

CIS and Other Support (49-50 hours)

CIS 3353 Programming Languages and Artificial Intelligence ..... 3 hours
CIS 4423 Operating Systems ..... 3 hours
CIS 4433 Numerical Methods ..... 3 hours
One of the following four courses: CIS 2002, 2253, 3113, 3313, or 3363 ..... 2-3 hours
MAT 1173 Discrete Mathematics ..... 3 hours
MAT 1195 Calculus I ..... 5 hours
MAT 2255 Calculus II ..... 5 hours
MAT 2263 Calculus III ..... 3 hours
MAT 3323 Linear Algebra..... 3 hours
MAT 3343 Mathematical Statistics..... 3 hours
PHY 2215 University Physics I..... 5 hours
5 hours from physics, chemistry, biology, or mathematics ..... 5 hours
ECO 2023 Principles of Microeconomics ..... 3 hours
LDR 4043 Ethics and Professional Development ..... 3 hours

Computer Information Science Major – B.S. Degree

The courses below are in addition to CIS Core Curriculum and "College Core Curriculum". They are designed for students desiring a career in business-related information processing. Students will complete the following courses:

CIS Core ..... **28 hours**
COBACS Core ..... **45 hours**

CIS and Other Support (11-12 hours)

CIS 2253	Web Engineering	3 hours
CIS 3313	Advanced Systems Analysis and Design	3 hours
One of the following four courses:	CIS 3033, CIS 3113, CIS 3353, or CIS 3363	2-3 hours
MAT 1173	Discrete Mathematics	3 hours

Computer Science Education Major Degree Requirements – B.S. Degree

The Computer Science Education degree is a total of 128 hours. Although this degree is tailored for students desiring to teach computer science, *Computer Science Education majors are not able to earn computer science education certification in the state of Missouri as the certificate does not currently exist.*

Required General Education Courses (42 hours)

Note: CIS 1033 is the required and MAT 1143 or higher math is required. MAT 1143 (or higher math class) is a required co-requisite with CIS 1154.

Required General Education Courses (10 hours)

Required CIS Core Courses (24 hours)

CIS 1001	Seminar in Computer & Information Science	1 hour
CIS 1144	Computer Science I	4 hours
CIS 1154	Computer Science II	4 hours
CIS 2003	Web Design	3 hours
CIS 2013	Networks	3 hours
CIS 2213	Systems Analysis and Design	3 hours
CIS 3333	Algorithms and Data Structures	3 hours
CIS 3413	Machine Organization	3 hours

Required Support Courses (8 hours)

MAT 1173	Discrete Mathematics (co-requisite with CIS 1154)	3 hours
Elective		2 hours
SOC/PSY 3243	Elementary Statistics	3 hours

Required EDU Support Courses (44 hours)

EDU 2113	Educational Psychology	3 hours
EDU 2141	Field Experience Level 1	1 hour
EDU 2313	Foundations of Education	3 hours
EDU 2823	Technology for Educators	3 hours
EDU 3013	Analyzing and Amending Reading Problems	3 hours
EDU 3043	Learner Development and the Classroom	3 hours
EDU 3333	Principles and Methods of Secondary Instruction	3 hours
EDU 3341	Field Experience Level 2	1 hour
EDU 3613	Content Area Literacy	3 hours
EDU 3833	Behavior and Classroom Management - Secondary	3 hours
EDU 4213	Methods of Teaching Computer Science	3 hours
EDU 4691	Student Teaching Seminar	1 hour
EDU 4832	Assessment and Evaluation of Learners	2 hours
EDU 4842	Teaching Diverse Learners	2 hours
EDU 4949	Student Teaching in the Secondary School	10 hours

Cybersecurity Major - B.S. Degree

The courses below are in addition to CIS Core Curriculum. They are designed for students desiring a career in cybersecurity and information assurance, especially as they relate to software engineering. Students will complete the following courses:

CIS Core ..... **28 hours**

CIS and Other Support (57 hours)

CIS 1033 Foundations of Computer Science.....3 hours
CIS 1163 Introduction to Cybersecurity.....3 hours
CIS 2033 Principles of Information Assurance.....3 hours
CIS 2043 System Administration.....3 hours
CIS 3013 Digital Forensics.....3 hours
CIS 3023 Network Security.....3 hours
CIS 3033 Secure Software.....3 hours
CIS 4423 Operating Systems.....3 hours
CIS 4453 Systems Security.....3 hours
CIS 4463 Ethical Hacking.....3 hours
MAT 1173 Discrete Mathematics.....3 hours
MAT 1193 Business Calculus.....3 hours
MAT 3343 Mathematical Statistics.....3 hours
MAT 4343 Mathematical Statistics II.....3 hours
LDR 4043 Ethics and Professional Development.....3 hours
ECO 2023 Principles of Microeconomics.....3 hours
PSY 2033 Social Engineering.....3 hours
CRJ 2313 Introduction to Criminal Justice.....3 hours
One of the following three courses: BUS 3073, SOC 4033, CRJ 4333.....3 hours

Web Systems and Design Major - B.S. Degree

The courses below are in addition to CIS Core Curriculum. They are designed for students desiring a career in designing, implementing, and managing web and mobile software systems, especially as they relate to software engineering, visual content and business value. Students will complete the following courses:

CIS Core ..... **28 hours**

CIS and Other Support (48 hours)

CIS

CIS 2003 Web Design ..... 3 hours
CIS 2253 Web Engineering ..... 3 hours
CIS 3113 Interface and Interaction Design..... 3 hours
CIS 3313 Advanced Systems Analysis and Design..... 3 hours
CIS 3363 Mobile App Development ..... 3 hours

Other Support

ART 1/2000 level courses ..... 6 hours
ART 3/4000 level course..... 3 hours
BUS 2023 Business Statistics ..... 3 hours
ECO 2023 Principles of Microeconomics ..... 3 hours
LDR 4043 Ethics and Professional Development ..... 3 hours
MAT 1173 Discrete Mathematics ..... 3 hours
MKT 3023 Principles of Marketing ..... 3 hours
MKT 4253 Social Media Marketing ..... 3 hours
One of the following three courses: COM 3333, COM 3353, ENG 4003 ..... 3 hours
Upper-level Elective..... 3 hours

BUSINESS AND COMPUTER SCIENCE ASSOCIATE DEGREES AND MINOR PROGRAMS

Associate of Science in Business

Associate degree students in business are required to complete specified University general education requirements and graduation requirements in addition to the required business courses in their concentrations. Matriculation into a baccalaureate degree program is thereby enabled. **At least 64 credit hours must be earned for an Associate of Science degree.**

Associate of Science in Business - A.S. Degree (15 hours)

Designed for students seeking a two-year degree with general concentration in the area of business.

Business Courses (15 hours)

ACC 2013	Principles of Financial Accounting	3 hours
BUS 2013	Business Communications	3 hours
ECO 2033*	Principles of Macroeconomics	3 hours
MGT 3013	Principles of Management	3 hours
MKT 3023	Principles of Marketing	3 hours

*ECO 2023 Principles of Microeconomics must be taken to fulfill the General Education requirement.

Associate of Applied Science in Business

Associate of Applied Science (A.A.S.) degree students in business are required to complete specified University general education requirements and graduation requirements in addition to the required business courses. See guidelines for the A.A.S. degree. **At least 64 credit hours must be earned for an Associate of Applied Science degree.**

Associate of Applied Science in Business - A.A.S. Degree (33 hours)

Designed primarily for non-traditional students with a general concentration in the area of business. General education requirements for the A.S. and A.A.S. degrees differ.

Business Courses (33 hours)

ACC 2013	Principles of Financial Accounting	3 hours
ACC 2043	Principles of Managerial Accounting	3 hours
BUS 2013	Business Communications	3 hours
ECO 2023*	Principles of Microeconomics	3 hours
ECO 2033	Principles of Macroeconomics	3 hours
MGT 3013	Principles of Management	3 hours
MKT 3023	Principles of Marketing	3 hours
Elective Courses in Business		12 hours

*ECO 2023 fulfills the General Education requirement.

College of Business and Computer Science Minors

Students may complete minors in Accounting, Business Administration, Computer Science, Computer Information Science, Economics, Information Assurance or Leadership (an interdisciplinary minor). Electives must be approved by the program advisor in the Robert W. Plaster College of Business and Computer Science. Course requirements are as follows:

Accounting Minor (19-20 hours)

ACC 2013	Principles of Financial Accounting	3 hours
ACC 2043	Principles of Managerial Accounting	3 hours
ACC 3024	Intermediate Accounting I	4 hours
ACC 3023	Managerial Cost Accounting	3 hours
ACC 3063	Tax Accounting I	3 hours
Accounting Elective(s): Junior or Senior level		3-4 hours

Business Administration Minor (21 hours)

(Not available to students with majors in the Robert W. Plaster College of Business and Computer Science except for Computer Science, Cybersecurity, and Web Systems and Design majors.)

ACC 2013	Principles of Financial Accounting	3 hours
ACC 2043	Principles of Managerial Accounting	3 hours
BUS 2023	Business Statistics	3 hours
ECO 2023	Principles of Microeocnomics	3 hours
ECO 2033	Principles of Macroeconomics	3 hours
MGT 3013	Principles of Management	3 hours
MKT 3023	Principles of Marketing	3 hours

The courses required in the business administration minor are all prerequisites for SBU's M.B.A. program. FIN 3053 Business Finance is also a prerequisite for the M.B.A. program but is not a requirement for the business administration minor.

Economics Minor (18 hours)

ECO 2023	Principles of Microeconomics	3 hours
ECO 2033	Principles of Macroeconomics	3 hours
ECO 3023	Money and Banking	3 hours
Select three of the following courses:		9 hours
ECO 3043	Managerial Economics	
ECO 3053	International Economics/Finance	
ECO/FIN 4173	History of Finance and Economic Thought	
FIN 4053	Investments	
FIN 4073	Insurance	

Computer Science Minor (21 hours)

(Not available as a joint minor with Web Systems and Design major, Cybersecurity major, CIS major or CIS minor)

CIS 1001	Seminar in Computer and Information Sciences	1 hour
CIS 1144	Computer Science I	4 hours
CIS 1154	Computer Science II	4 hours
CIS 3413	Machine Organization	3 hours
MAT 1173	Discrete Mathematics	3 hours
CIS 2000 level or above		6 hours

Computer Information Science Minor (21 hours)

(Not available as a joint minor with Web Systems and Design major, Cybersecurity major, CS major or CS minor)

CIS 1001	Seminar in Computer and Information Sciences	1 hour
CIS 1144	Computer Science I	4 hours
CIS 1154	Computer Science II	4 hours
CIS 2213	Introduction to Systems Analysis and Design	3 hours
MAT 1173	Discrete Mathematics	3 hours
CIS 2000 level or above		6 hours

Cybersecurity Minor (25 hours)*

CIS 1144	Computer Science I	4 hours
CIS 1163	Introduction to Cybersecurity	3 hours

CIS 2033	Principles of Information Assurance	3 hours
CIS 2213	Introduction to Systems Analysis and Design	3 hours
CIS 3033	Secure Software	3 hours
CIS 3013	Digital Forensics Principles and Practices	3 hours
CIS 3323	Database Management	3 hours

Select one of the following courses

CIS 4423	Operating Systems	3 hours
CRJ 2313	Introduction to Criminal Justice	3 hours
ENG 4003	Technical Writing	3 hours
BUS 3073	Legal Environment of Business I	3 hours
LDR 4043	Ethics and Professional Development	3 hours

*NOTE: Students with majors in the CIS Department may not count LDR 4043 toward a Cybersecurity minor. Computer Information Science majors may not count BUS 3073 toward a Cybersecurity minor. Web Systems and Design majors may not count ENG 4003 toward a Cybersecurity minor. Computer Science majors may not count CIS 4423 towards a Cybersecurity minor. Some courses have prerequisites.

Information Assurance Minor (22 hours)

CIS 1144	Computer Science I	4 hours
CIS 2033	Principles of Information Assurance	3 hours
CIS 2213	Introduction to Systems Analysis and Design	3 hours
CIS 3013	Digital Forensics Principles and Practices	3 hours
CIS 3323	Database Management	3 hours

Select two of the following courses

BUS 3073	Legal Environment of Business I	3 hours
CRJ 2313	Introduction to Criminal Justice	3 hours
ENG 4003	Technical Writing	3 hours
LDR 4043	Ethics and Professional Development	3 hours

NOTE: Students with majors in the CIS Department may not count LDR 4043 toward an Information Assurance minor. Computer Information Science majors may not count BUS 3073 toward an Information Assurance minor. Web Systems and Design majors may not count ENG 4003 toward an Information Assurance minor.

Leadership Minor (21 hours - Salem campus only)

LDR 2023	Introduction to Leadership	3 hours
LDR 3023	Leadership Development in Organizations	3 hours
LDR 4043	Ethics and Professional Development	3 hours
LDR 4773	Contemporary Issues in Leadership (capstone)	3 hours
PHI 4043	Ethics in Decision Making	3 hours
POL 2223	American State and Local Government	3 hours
SOC 3063	Community Sociology	3 hours

A maximum of three hours may be taken to satisfy a minor requirement and a major requirement. Eighteen hours must be unduplicated and satisfied by course work chosen in consultation with and approval from the advisor. This minor is available only on the Salem campus and is not part of the business curriculum as it relates to the Robert W. Plaster College of Business and Computer Science's accreditation through ACBSP.

The Courts Redford College of Theology And Ministry

Rodney Reeves, Dean
Office: Jim Mellers Center 200C - (417) 328-1770
http://www.sbuniv.edu/academics/colleges/redford.php

Departments within the College

Christian Ministry | Theology

Mission Statement

The Courts Redford College of Theology and Ministry endeavors from a Christian perspective to teach students the Bible, our Christian heritage, and spiritual formation, and to prepare students for professional church vocations.

Vision Statement

The Courts Redford College of Theology and Ministry accomplishes its mission by:

1. Providing introductory courses for each SBU student in the Bible and spiritual formation.
2. Providing courses that will prepare students for seminary or further graduate study.
3. Providing an introduction to the basic tools of doing the work of a local church.
4. Mentoring church vocation students to clarify their call and to live the Christ-centered life.
5. Giving experience under guidance through its In Service Training Office to those preparing for church vocations.
6. Making students aware of the witnessing imperative of the Christian faith around the globe.

The Courts Redford College of Theology and Ministry is responsible for the academic programs in religion and for the Institute of Evangelism. The College serves the University by offering courses required for graduation (BIB 1013, BIB 1023, and SPF 2012) and programs of theological training for those who are entering church related vocations and for lay people.

Majors and Minors

The Courts Redford College of Theology and Ministry offers majors and minors through the departments of Christian Ministry and Theology. There are also interdisciplinary majors, minors and special programs**. A student may take more than one Redford major only with special permission and special course requirement limits.**

Students must earn C grades or higher in all courses taken within the Redford **CORE** (see next section), their major(s), concentrations and/or minor(s) with the Redford College. All policies of the University apply to students who major or minor in Redford College programs. The standard semester course load of 16 hours is required in order to earn the baccalaureate degree in eight semesters (4 years).

Out of a commitment to continuous improvement of the student's undergraduate experience, The Courts Redford College of Theology and Ministry assesses the learning process in a number of ways. These may include, but are not necessarily limited to, entrance and exit examinations, student portfolios, and exit interviews and surveys requesting information from graduates, graduate schools and employees. Confidentiality is always maintained, and the results of these various instruments are used to make positive and constructive changes to the academic program.

All Redford College students are expected to live a consistent Christian life based on biblical principles of conduct.

Redford CORE Curriculum

All Redford majors (other than Intercultural Studies and Christian Studies) are required to take a block of courses which will provide a balanced theological education. These are referred to as the **CORE**. It consists of:

BIB 2093 Methods of Biblical Interpretation
CHR 3013 Introduction to Ministry
PHI 2013 Philosophical Foundations for A Christian Worldview
THE 3113 Christian Doctrine
THE 3463 History of Christianity I *or* THE 3673 History of Christianity II
Intercultural Studies majors have their own distinctive core requirements.

Residence Requirement

A minimum of half the required courses for all Redford majors and minors must be taken at Southwest Baptist University.

DEPARTMENT OF CHRISTIAN MINISTRY

Department Chair: Michael Fuhrman
Office: Jim Mellers Center - (417) 328-1760
Faculty: Duke Jones, Prosperly Lyngdoh, Kelly Malone

Christian Ministry majors in the Redford College will choose a concentration in pastoral ministry, children's ministry, educational administration, youth ministry, or intercultural studies. **For Church Music (B.M. degree),** see the listing under Department of Music in the Geneva Casebolt College of Music, Arts and Letters.

Courses in the Department of Christian Ministry stress the development of ministry skills for pastors, Christian education ministers, youth ministers, children's ministers, other staff positions and missionaries, as well as for lay ministry. The department's purpose is to equip people for building the Kingdom. In addition to the general education, graduation, and core requirements, majors must complete the following requirements.

Christian Ministry Major

Concentration in Pastoral Ministry - B.A. Degree (34 hours)

*BIB	(Beyond BIB 1013, 1023, 2093)	6 hours
CHR 2043	Introduction to Evangelism	3 hours
CHR 3023	Introduction to Preaching	3 hours
CHR 3783	Worship and Song in the Church	3 hours
CHR 4003	Expository Preaching	3 hours
CHR 4983	Christian Ministries Apprenticeship	3 hours
COM 2393	Interpersonal Communication *or*	
COM 3383	Small Group Communication	3 hours
COM 3313	Advanced Public Speaking	3 hours
ICS 2901	Same-Culture Service Project *or*	
ICS 2911	Cross-Cultural Service Project	1 hour
PSY 4243	Pre-marital Counseling *or*	
PSY 4363	Marriage and Family Counseling	3 hours
Redford elective:		3 hours
CED 3023	Church and Denominational Administration *or*	
CHR 3003	Introduction to Disciple-making	
ICS 2013	Cultural and Global Awareness	
ICS 3033	World Christian Foundations	
ICS 4023	Indigenous Christian Community	
ICS 4313	World Religions	

*Up to six (6) hours of upper level Greek and/or Hebrew may be counted as upper level Bible

Concentration in Children's Ministry - B.A. Degree (33 hours)

BIB	(Beyond BIB 1013, 1023, 2093)	3 hours
CED 2003	Introduction to Christian Education	3 hours
CED 2033	Principles of Teaching in the Church	3 hours
CED 3023	Church and Denominational Administration	3 hours
CED 3043	Children's Ministry	3 hours
CED 4983	Christian Education Apprenticeship	3 hours
EDU 2232	Introduction to Early Childhood Education (co-enroll with EDU 2381)	2 hours
EDU 2332	Teaching the Young Child (co-enroll with EDU 2381)	2 hours
EDU 2381	Early Childhood Practicum I (co-enroll with EDU 2232)	1 hour
EDU 2391	Early Childhood Practicum II (co-enroll with EDU 2332)	1 hour
PSY 3053	Child Development through Adolescence	3 hours
PSY 3313	Introduction to Counseling *or*	
PSY 4243	Premarital Counseling *or*	
PSY 4363	Marriage and Family Counseling *or*	
PSY 4053	Dealing with Death and Dying	3 hours
THE/PHI	(Upper level)	3 hours

Concentration in Children's Ministry - B.S. Degree (41 hours)

Same as B.A. degree plus 8 hours from the following:

BUS 2013, BUS 3073
CED/REC 2062, CED 3013, CED 4003, CED 4053, CHR 3003, ICS 3033
EDU 2243
PSY 3313, PSY 4033, PSY/SOC 4053, PSY/SOC 4333, PSY/SOC 4373, SOC 3003

Concentration in Cross-Cultural Ministry - B.A. Degree

This is a backup degree for those who, because of recent health failure or emergency, cannot complete the ICS six-month Semester Abroad. Because the ICS major is preferred, this major can only be utilized with faculty approval. It is identical to the ICS major except for the academic requirements of the Semester Abroad.

The **degree requirements** are:

1. The same General Education Requirements as the Intercultural Studies major, including two credits in ICS 2911 or ICS 2912 for cultural competency
2. The same Graduation Requirements as the Intercultural Studies major
3. The Intercultural Studies Core, except for ICS 3053 Survival Abroad (see substitution below)
4. A Market Skill or an additional major or minor
5. The following course substitutions:
    a. In place of ICS 2118: 8 credit hours of a foreign language
    b. In place of ICS 3053: ICS elective or CHR 2043 or CHR 3003 or CHR 3023
    c. In place of ICS 4082: ICS 4343 or COM 3333 or SOC 3063 or SOC 4043
    d. In place of ICS 4982: ICS elective or CHR 2043 or CHR 3003 or CHR 3023
    e. In place of BIB 4063: BIB 3023 or PHI 2013 or THE 3463 or THE 3673 or THE 4003

Concentration in Educational Administration in the Church - B.A. Degree (30 hours)

BIB	(Beyond BIB 1013, 1023, 2093)	3 hours
CED 2003	Introduction to Christian Education	3 hours
CED 2033	Principles of Teaching in the Church	3 hours
CED 3013	Youth Ministry in the Church	3 hours
CED 3023	Church and Denominational Administration	3 hours
CED 3043	Children's Ministry	3 hours
CED 4003	Adult Ministry in the Church	3 hours
CED 4983	Christian Education Apprenticeship	3 hours
PSY 3313	Introduction to Counseling *or*	
PSY 4243	Premarital Counseling *or*	

PSY 4363 Marriage and Family Counseling *or*
PSY 4053 Dealing with Death and Dying ..... 3 hours
THE (Beyond CORE) ..... 3 hours

Concentration in Educational Administration in the Church - B.S. Degree (38 hours)
Same as B.A. degree plus 8 hours from the following:
BUS 2013, BUS 3073
CED 4053, CHR 3003, ICS 3033
PSY 3063, PSY 4273, PSY/SOC 3073, PSY/SOC 4053, PSY/SOC 4333
REC 1123, REC 2042, REC 2052, REC/CED/THR 2062
PSY 3313, SOC 3003, SOC 3063, SOC 4083

Concentration in Youth Ministry - B.A. Degree (33 hours)
BIB (Beyond BIB 1013, 1023, 2093) ..... 3 hours
CED 2003 Introduction to Christian Education ..... 3 hours
CED 2033 Principles of Teaching ..... 3 hours
CED 3013 Youth Ministry in the Church ..... 3 hours
CED 3023 Church and Denominational Administration ..... 3 hours
CED 4053 Youth Discipleship and Evangelism ..... 3 hours
CED 4983 Christian Education Apprenticeship (in church) *or*
CED 4983 Christian Education Apprenticeship (unchurched) ..... 3 hours
CHR 3003 Introduction to Disciple-making ..... 3 hours
PSY 4033 Adolescent Development ..... 3 hours
PSY 3313 Introduction to Counseling *or*
PSY 4243 Premarital Counseling *or*
PSY 4363 Marriage and Family Counseling *or*
PSY 4053 Dealing with Death and Dying ..... 3 hours
THE (Beyond CORE) ..... 3 hours

Concentration in Youth Ministry - B.S. Degree (41 hours)
Same as B.A. degree plus 8 hours from the following:
CED/REC 2062, CED 3043, CED 4003, CHR 3033
KIN 1012, KIN 1022, KIN 3093
PSY 2023, PSY 4273, PSY/SOC 3073, PSY/SOC 4053, PSY/SOC 4333, PSY/SOC 4373
REC 2052, REC 2092
PSY 3313, SOC 3003, SOC 3063, SOC 4043

Intercultural Studies Major - B.A. Degree

The Intercultural Studies (ICS) major prepares students academically and practically for cross-cultural service through:

1. The ICS Core classes that emphasize cultural understanding, personal growth, theological truth, and cross-cultural communication of the biblical message
2. A six-month Semester Abroad which immerses the student in cross-cultural experience, language learning, practical service, and on site learning in cultural research and intercultural interpretation of the Bible
3. Interdisciplinary training in a market skill, such as computer science, teaching English as a second language, sports management, social work, and health care, in order to be a valued contributor in a different culture

The Department anticipates that its ICS graduates will distinguish themselves in at least five areas of service:

1. Missionaries who serve as evangelists, translators, teachers, disciplers;
2. International businessmen and professionals who serve in secular platforms;
3. Stateside cross-cultural servants to the many ethnic minorities now in North America;
4. Mobilizers who passionately recruit and train others to serve cross-culturally; and
5. Leaders in people-oriented jobs who work in cross-cultural environments.

In addition to the general education and graduation requirements, the ICS major requires 32 hours in the Intercultural Studies Core, 16 hours during the Semester Abroad, and at least Minor in another area of the university that can be utilized as a Market Skill. Additional electives taken can be applied toward a double major in one's Market Skill.

Intercultural Studies Core (32 hours)

BIB 2093	Methods of Biblical Interpretation	3 hours
Upper level BIB Elective		3 hours
Elective:	Any ICS, BIB, THE, *or* CHR 2043 or 3003	3 hours
ICS 2013	Cultural and Global Awareness	3 hours
ICS 2911	International Cross-cultural Service Project	1 hour
ICS 3033	World Christian Foundations	3 hours
ICS 3043	Spiritual Preparation for Cross-cultural Service	3 hours
ICS 3053	Survival Abroad (Spring semester before Semester Abroad)	3 hours
ICS 3073	Storying and Discipling Cross-culturally *or*	
ICS 4023	Indigenous Christian Community	3 hours
ICS 4121	International Market Skills	1 hour
ICS 4313	World Religions	3 hours
THE 3113	Christian Doctrine (preferred) or THE 3463 or THE 3673	3 hours

ICS Semester Abroad (16 hours)

The student will travel overseas for six months (normally June to December) where he/she will initially reside with a national family. Destination sites will be approved by the ICS faculty. The cost of this trip will be paid by the student. Note: If the student is married, the spouse must participate in this overseas experience as well. The student will serve as an apprentice under a career cross-cultural worker. Coursework will be conducted via email (thus requiring a laptop computer) and will include:

BIB 4063	Intercultural Theologizing	3 hours
ICS 2118	Barefoot Language Learning (satisfies B.A. language requirement)	8 hours
ICS 2911	Cross-Cultural Service Project	1 hour
ICS 4082	Ethnography and Strategy	2 hours
ICS 4982	Apprenticeship Practicum	2 hours

Required Minor in a Market Skill (at least 18 hours)

The student is required to complete a minor in another discipline in order develop a Market Skill that will broaden both preparation and opportunity for cross-cultural ministry. While a student is free to minor in area in the university, such areas of preparation tend to provide greater ministry accessibility. Some recommended minors are Business Administration, Economics, Computer Information Science, Leadership, Counseling, Social Welfare, English as a Second Language (ESL), Communication, Music, and Art.

DEPARTMENT OF THEOLOGY

Department Chair: Bing Bayer
Office: Jim Mellers Center - (417) 328-1765
Faculty: Clint Bass, Don Denton, Zach Manis, Rodney Reeves

Courses in this department provide the student with an understanding and appreciation for the Christian intellectual tradition, in general, and for the Bible, in particular. Courses in Greek and Hebrew lay the essential linguistic foundations for those who teach and proclaim the Bible as well as teach the language skills necessary to a liberal arts program. Courses in church history, philosophy and theology equip the student to gain insight into philosophical problems and representative systems of thought, to understand important doctrines of the Christian faith and to understand the development, expansion and historical impact of Christianity. In addition to the general education, graduation, and core requirements, majors must complete the following requirements.

Biblical Studies Major - B.A. Degree (38 hours)

Old Testament courses: ..... 9 hours
- BIB 3033 Old Testament Hymnic and Wisdom Literature
- BIB 3043 Pentateuch
- BIB 4003 Archaeology and the Bible
- BIB 4043 Old Testament Prophetic Books
- BIB 4053 Old Testament Historical Books

New Testament courses: ..... 9 hours
- BIB 3053 Early Pauline Epistles
- BIB 3063 Later Pauline Epistles
- BIB 3083 Hebrews and General Epistles
- BIB 4023 Life and Teachings of Christ

****BIB upper level Bible electives** ..... 12 hours

Language courses: ..... 8 hours
- *GRE 2014, 2024 Elementary Greek I and II or
- HEB 2014, 2024 Elementary Hebrew I and II

* May also be used for language requirement for graduation requirement.
**Up to six (6) hours of upper level Greek and/or Hebrew may be counted as upper level Bible

Religion and Philosophy Major - B.A. Degree (36 hours)

- THE 3463/3673 History of Christianity I *or* II ..... 3 hours (whichever one not taken for CORE)
- PHI 4013 Philosophy of Religion ..... 3 hours
- PHI (Beyond CORE) ..... 15 hours
- THE (Beyond CORE) ..... 15 hours

Christian Studies Major – B.A. or B.S. Degree

The Christian Studies Major is designed to give students majoring in another field within the university, but outside of the Redford College of Theology and Ministry, a broad overview of the various disciplines within theological and ministry studies. A student may not major in Christian Studies as a standalone major or as a second major along with another major within the Redford College of Theology and Ministry. The intention is to prepare students for either ministry in the local church or community or for the pursuit of graduate studies in either theology or ministry after graduation. It is ideal for students who wish to prepare for bi-vocational ministry.

Christian Studies Core

At least one course from each of the following four areas: ..... 12 hours
- Biblical Studies
- Theology and Philosophy
- Christian Ministry and Christian Education
- Intercultural Studies

Electives from Theology and Christian Ministry ..... 18 hours
- 3 Courses from the Department of Theology (9 hours)
- 3 Courses from the Department of Christian Ministry (9 hours)

Minors

Any student in the University may earn a minor in Biblical Studies, Biblical Languages, Children's Ministry, Christian Education, Evangelism, Intercultural Studies, Pastoral Ministry, Philosophy, Theology, or Youth Ministry.

Biblical Studies (18 hours)
Eighteen hours of Bible above the graduation Bible requirements. Nine of the hours must be upper level.

Biblical Language (22 hours)
GRE 2014, 2024 Elementary Greek ..... 8 hours
HEB 2014, 2024 Elementary Hebrew ..... 8 hours
HEB or GRE (Upper level) ..... 6 hours

Children's Ministry (18 hours)
CED 2003 Introduction to Christian Education ..... 3 hours
CED 2033 Principles of Teaching in the Church ..... 3 hours
CED 3043 Children's Ministry in the Church ..... 3 hours
EDU 2232 Introduction to Early Childhood (co-enroll with EDU 2381) ..... 3 hours
EDU 2332 Teaching the Young Child (co-enroll with EDU 2391; Spring after EDU 2232 and EDU 2381) ..... 2 hours
EDU 2381 Early Childhood Practicum I (co-enroll with EDU 2232) ..... 1 hour
EDU 2391 Early Childhood Practicum II (co-enroll with EDU 2332) ..... 1 hour
PSY 3053 Child Development through Adolescence ..... 3 hours

Christian Education (18 hours)
CED 2003 Intro. to Christian Education ..... 3 hours
CED 2033 Principles of Teaching in the Church ..... 3 hours
CED 3023 Church and Denominational Administration ..... 3 hours
Electives: ..... 9 hours
- CED 3013 Youth Ministry in the Church
- CED 3043 Children's Ministry
- CED 4003 Adult Ministry in the Church
- CED 4053 Youth Discipleship and Evangelism

Evangelism (18 hours)
Christian Ministry Elective ..... 3 hours
CHR 2043 Introduction to Evangelism ..... 3 hours
CHR 3003 Introduction to Disciple-making ..... 3 hours
CHR 3023 Introduction to Preaching ..... 3 hours
CHR 4983 Christian Ministries Apprenticeship ..... 3 hours
ENG 1003 English as Second Language, or any upper level CHR or BIB ..... 3 hours

Intercultural Studies (21 hours)
Students, interested in cross-cultural ministry but who major in another academic discipline, may still complete a Minor in Intercultural Studies. The Minor includes several ICS Core classes as well as several optional classes, but it does not include the six month Semester Abroad.

ICS 3033 World Christian Foundations ..... 3 hours
ICS 4121 International Market Skills ..... 1 hour
ICS 4313 World Religions ..... 3 hours
ICS ELECTIVES (any two courses) ..... 6 hours
- ICS 2013 Cultural and Global Awareness,
- ICS 3043 Spiritual Preparation for Cross-cultural Service,
- ICS 3073 Storying and Discipling Cross-culturally,
- ICS 4023 Indigenous Christian Community,
- ICS 4343 Islamic Studies ($30 fee)

ICS 291(1-2) Cross-cultural Service Project ..... 2 hours
Either two ICS 2911 projects to different cultures (one of which must be international) or ICS 2912 which is an international cross-cultural project at least six weeks in length.
Two Electives (must include at least one Bible course): ..... 6 hours
BIB 2093, 3043, 3053, 3063, 4023, CHR 3003, ICS elective (not 3053), THE 3113

Pastoral Ministry (18 hours)

CHR 2043	Introduction to Evangelism	3 hours
CHR 3023	Introduction to Preaching	3 hours
CHR 4983	Christian Ministries Apprenticeship	3 hours
Electives:		9 hours
CHR/MUS 3783	Worship and Song in the Church	
CHR 3013	Introduction to Ministry	
CHR 4003	Expository Preaching	
PSY 4243	Pre-marital Counseling or	
PSY 4363	Marriage and Family Counseling	

Philosophy (18 hours)

Eighteen hours in philosophical studies including PHI 2013 (Philosophical Foundations for a Christian Worldview).

Theology (18 hours)

BIB 2093	Methods of Biblical Interpretation	3 hours
THE 3113	Christian Doctrine	3 hours
THE electives		12 hours

Youth Ministry (18 hours)

CED 2003	Introduction to Christian Education.	3 hours
CED 2033	Principles of Teaching	3 hours
CED 3013	Youth Ministry in the Church	3 hours
CED 3023	Church & Denominational Administration	3 hours
CED 4053	Youth Discipleship and Evangelism	3 hours
PSY 4033	Adolescent Development	3 hours

ASSOCIATE DEGREES

The Courts Redford College of Theology and Ministry houses the A.A. and A.S. in Ministry degrees.

Associate of Arts in Ministry

Students pursuing the A.A. in Ministry degree must complete the following requirements:

General Education Requirements		42 hours
Graduation Requirements (includes a foreign language)		16-18 hours
BIB 2093	Methods of Biblical Interpretation	3 hours
CHR 2043	Introduction to Evangelism	3 hours
CHR 3003	Introduction to Disciple-Making	3 hours
CHR 3013	Introduction to Preaching	3 hours
Electives		4-6 hours

Associate of Science in Ministry

Students pursuing the A.S. in Ministry degree must complete the following requirements:

General Education Requirements		42 hours
Graduation Requirements		10 hours
BIB 2093	Methods of Biblical Interpretation	3 hours
CHR 2043	Introduction to Evangelism	3 hours
CHR 3003	Introduction to Disciple-Making	3 hours
CHR 3013	Introduction to Preaching	3 hours
Electives		12 hours

College of Education and Social Sciences

Kevin J. Schriver, Dean
Office: Gott Educational Center 104 - (417) 328-1725
http://www.sbuniv.edu/academics/colleges/cess.php

Departments within the College

Behavioral Sciences	Kinesiology
Education	History and Political Science

Mission Statement

The College of Education and Social Sciences seeks to prepare students for careers in people oriented and service minded professions, while encouraging students to embody Christlike character.

Vision Statement

The College of Education and Social Sciences endeavors to equip students for careers and professions by:

- providing theoretical and practical experience necessary for each discipline,
- encouraging positive mental, physical, social and spiritual health,
- challenging students to strive for academic excellence,
- integrating the Christian faith into each academic discipline,
- contributing to the liberal arts foundation within the general education requirements.

DEPARTMENT OF BEHAVIORAL SCIENCES

Department Chair: Shelley Dean Kilpatrick
Office: 200 Gott Educational Center - (417) 328-1736
Faculty: Chris Dinwiddie, William Duvall, Debra Gamble, Angelia Ham, Kelly Martin, Kevin Schriver, Phillip Truscott, Deborah Walker, Dwayne Walker, William Walkup, Jennifer Maloney (Springfield), Philip Rohrer (Salem)

Mission Statement

The mission of the Department of Behavioral Sciences is to prepare students to investigate and evaluate the human experience and to develop skills of intervention, prevention, and protection accompanied by the integration of faith and discipline.

The Behavioral Sciences Department is committed to providing students with a sound educational experience wherein they are enabled to learn theories and practical applications, think critically and integrate their Christian faith with their chosen discipline.

The Department of Behavioral Sciences includes the areas of psychology, sociology, criminal justice, and social work. It offers majors in psychology, sociology, criminal justice, and social work. The department also offers minors in psychology, sociology, counseling, social welfare, gerontology, military science, and criminal justice. There is also a certificate in child-care work and a concentration in sports performance enhancement offered by the department. Please consult the chair or an advisor in the department as to the requirements.

The course work in the Department of Behavioral Sciences is designed to produce graduates who are prepared for post baccalaureate alternatives, including employment as professionals or pursuing graduate studies. The goal of the department is to meet the needs of those students: (1) preparing graduate work in one of the behavioral sciences; (2) preparing for scientific careers in the behavioral sciences; (3) preparing for pre-professional training programs such as the ministry, nursing, law, physical therapy, etc.; or (4) preparing for employment in one of the behavioral sciences.

The Bachelor of Social Work degree (B.S.W.) is fully accredited by the Council on Social Work Education, and its curriculum has been established to adhere to those standards. The course work in this major is designed for students who wish to pursue either a professional career in social work by entry-level preparation or graduate education in the field of social work. The program requires an application. For additional requirements, please consult the Director of Social Work and the *B.S.W. Student Handbook*.

Psychology, Sociology, and Criminal Justice majors must maintain a minimum GPA of 2.25 in the major, with no more than 6 hours of D in the major and **complete the assessment requirements of the department**. Social Work majors must maintain a minimum GPA of 2.5 in the major, with no D grades in the major, and **complete the assessments of the department**. The specific requirements for each concentration and minor in the department are presented with their respective course title below.

Psychology

Psychology is a scientifically based discipline which explores behavioral and mental processes of individuals. It seeks to increase the respect and appreciation for self and others. The major reflects a strong tendency toward theory and a counseling based curriculum. Note: General Psychology (PSY 1013) is the general prerequisite course for **all** courses in psychology, but the student must meet the additional prerequisites, if they are required, as indicated in the course description section of this catalog. General Psychology also meets the requirements for General Education and, thus, will be counted towards those hours for degree check purposes.

Psychology Major - B.A. Degree

The B. A. degree in Psychology requires: (1) Two semesters of a foreign language (6-8 hours), and (2) Thirty-six hours in Psychology, completed as follows.

PSY 1013	General Psychology	3 hours
PSY 2063	Systems of Psychology	3 hours
PSY 2233	Introduction to Research	3 hours
PSY 3033	Abnormal Psychology	3 hours
PSY 3063	Human Growth and Development	3 hours
PSY 3243	Elementary Statistics	3 hours
PSY 2001, 3001, 4001	Behavioral Sciences Seminar Series	3 hours
Psychology electives (courses with PSY prefix)		6 hours

EXTENDED CORE: Select ONE (1) course from each of the following areas:

General Research:

PSY 3073	Social Psychology	3 hours
PSY 3093	Psychology of Learning	3 hours
PSY 4023	Psychology of Personality	3 hours
PSY 4223	Psychological Testing	3 hours
PSY 4233	Research Design and Methods	3 hours
PSY 4263	Physiological Psychology	3 hours

Applied/Counseling:

PSY 3003	Human Sexuality	3 hours
PSY 3013	Relationships	3 hours
PSY 3313	Introduction to Counseling	3 hours
PSY 3393	Introduction to Sports Psychology	3 hours

PSY 4093 Behavior Modification ..... 3 hours
PSY 4333 Child Abuse and Neglect ..... 3 hours
PSY 4373 Being Human and Addicted ..... 3 hours

Developmental:

PSY 2023 Psychology of Adjustment ..... 3 hours
PSY 3053 Child Development through Adolescence ..... 3 hours
PSY 3083 Psychological and Sociological Implications of Neurodevelopmental Disorders ..... 3 hours
PSY 4033 Adolescent Development ..... 3 hours
PSY 4053 Death and Dying ..... 3 hours

Psychology Major - B.S. Degree

The B. S. degree in Psychology requires the completion of 36 hours in Psychology (as listed in the B. A. degree section) and completion of one of the following three options: (1) 8-9 hours of upper level sociology, or 8-9 hours of upper level natural science; *OR* (2) Complete the requirements for a minor within the department *OR* (3) Complete the requirements for a second major as listed in the catalog. **Note:** The approved second major from this department would be either Sociology, Social Work or Criminal Justice.

Psychology Major with emphasis in Sports Performance Enhancement - B. S. Degree (42 hours)

The B.S. degree in Psychology with the emphasis in Sports Performance Enhancement requires the completion of the following:

Psychology core requirements (21 hours)

PSY 3033 Abnormal Psychology ..... 3 hours
PSY 3243 Elementary Statistics ..... 3 hours
PSY 3063 Human Growth and Development ..... 3 hours
PSY 3313 Introduction to Counseling ..... 3 hours
PSY 4263 Physiological Psychology ..... 3 hours
PSY 3073 Social Psychology ..... 3 hours
PSY 3393 Introduction to Sports Psychology ..... 3 hours

Kinesiology department course requirements (12 hours)

KIN 3073 Physiology of Exercise (Prerequisite - KIN 2133) ..... 3 hours
KIN 4003 Kinesiology (Prerequisite - KIN 2133) ..... 3 hours
KIN 4013 Sport in American Society (Prerequisite-64 hours completed) ..... 3 hours
SPM 1113 Introduction to Sport Management ..... 3 hours

Electives (9 hours) - choose from the following:

ESC 4033 Special Populations
PSY 2233 Introduction to Research
PSY 4093 Behavior Modification
PSY 3093 Psychology of Learning
PSY 4373 Being Human and Addicted
KIN 3053 Measurement and Evaluation in Sport
KIN 3093 Responding to Emergencies
KIN 4023 Organization and Administration of Sport (Prerequisite-64 hours completed)

Psychology Major: Pre-Physical Therapy

The Behavioral Sciences Department at SBU has an undergraduate program of study in which students can prepare for entrance into the SBU Doctor of Physical Therapy (DPT) program. This program of study leads to a B. S. Degree in Psychology and incorporates required entrance course work for the SBU DPT program. Other admission requirements for the SBU DPT should be obtained directly from the Department of Physical Therapy, Southwest Baptist University, Bolivar, MO, 65613, (417) 328-1672. Admissions to the SBU DPT program is based on competitive applications. Completion of the Psychology Major: Pre Physical Therapy should not be construed as a guaranteed acceptance into the SBU DPT program, nor does it guarantee acceptance into physical therapy programs not associated with SBU. Students selecting this major are strongly encouraged to keep in close contact with both their Psychology Department Advisor and the DPT Admission Coordinator beginning with their first year of study. The typical program of study is shown below.

First Year
Fall

UNI 1111	University Seminar	1 hour
BIO 1004	Principles of Biology	4 hours
ENG 1113	English Composition I #	3 hours
PSY 1013	General Psychology *	3 hours
BIB 1013	Old Testament History	3 hours
Cultural Studies Elective		2 hours

Spring

UNI 1121	Introduction to Critical Thinking	1 hour
ENG 2213	English Composition II	3 hours
MAT 1143	College Algebra #	3 hours
BIB 1023	New Testament History	3 hours
KIN 1162	Foundations of Physical Fitness/Wellness	2 hours
PSY 2063	Systems of Psychology	3 hours
PSY 2001	Sophomore Seminar *	1 hour

Second Year
Fall

CIS 1103	Computer & Information Management	3 hours
BIO 2204	Human Anatomy and Physiology I *	4 hours
CHE 1115	General Chemistry I *	5 hours
SPF 2012	Introduction to Spiritual Formation	2 hours
PSY 3033	Abnormal Psychology *	3 hours

Spring

BIO 3304	Human Anatomy and Physiology II *	4 hours
CHE 1125	General Chemistry II *	5 hours
HIS 22(1-2)3	History of the United States, 1492-1865 *or* 1865-Present	3 hours
PSY 3063	Human Growth and Development *	3 hours

Third Year
Fall

PHY 1115	General Physics I *	5 hours
FAR 10(0-3)3	Fine Arts Elective	3 hours
COM 1103	Fundamentals of Speech Communication	3 hours
PSY 3001	Junior Seminar	1 hour
PSY 2233	Introduction to Research	3 hours

Spring

PSY 3243	Elementary Statistics *	3 hours
PHY 1125	General Physics II *	5 hours
BIO 4404	Pathophysiology **	4 hours
PSY ___3	Psychology Applied/Counseling Core	3 hours

Fourth Year

Fall

POL 1113	American Government	3 hours
PSY ___3	Psychology Developmental Core	3 hours
PSY ___3	Psychology General Research Core	3 hours
PSY ___3	Psychology Elective *	3 hours
Electives	6 hours	

Spring

ECO 2003	LIFE Economics	3 hours
PSY 4001	Senior Seminar	1 hours
PSY ___3	Psychology Elective *	3 hours
Electives	9 hours	

#	Placement in this course depends on ACT scores
*	Prerequisite for DPT
**	Strongly recommended but not required for DPT
^	Submit completed DPT graduate school application packet including GRE scores

Minor in Psychology

18 hours beyond a major, as follows:

PSY 2063	Systems of Psychology	3 hours
Psychology (PSY) electives		15 hours

Minor in Counseling*

Eighteen hours beyond a major, as follows:

PSY 3313	Introduction to Counseling	3 hours
PSY 4313	Counseling Methods and Practice	3 hours
PSY 4883	Advanced Counseling Methods and Practice	3 hours

Nine hours of electives chosen from the following: 9 hours

PSY 3003	Human Sexuality
PSY 4053	Dealing with Death and Dying
PSY 4093	Behavior Modification
PSY 4223	Psychological Testing
PSY 4243	Pre-marital Counseling
PSY 4273	Small Group
PSY 4333	Child Abuse and Neglect
PSY 4363	Marriage and Family Counseling
PSY 4373	Being Human and Addicted
SOC 3033	Family Violence
SOC 4083	Gerontology

Courses taken in the Counseling Minor are considered a separate discipline.

*Please Note: Psy 2063 Systems of Psychology is a pre-requisite for all Counseling Minor courses

Social Work

Social work is a practitioner-oriented degree preparing students for careers in social work and further graduate study. The emphasis is on a generalist education and training curriculum governed by the standards set forth by the Council on Social Work Education. The program seeks to increase the respect and appreciation for self and others, while promoting advocacy and interventions to benefit the person in the family, group, and community. The program requires the following prerequisite courses and an application process to the program. The *B.S.W. Student Handbook* outlines the policies and procedures and should be followed by the student in making the application to the B.S.W. program.

Social Work Major - B.S.W. Degree

The prerequisite courses required for application are the following:

PSY 1013 General Psychology
SOC 1003 Introduction to Sociology
PSY/SOC 2001 Sophomore Seminar
SOC 2012 Human Diversity (recommended to meet General Education requirements)
SWK 2003 Introduction to Social Work

The Bachelor of Social Work degree requires the following courses in the program for a total of 57 hours:

SWK 2233	Introduction to Research	3 hours
SWK 3013	Integrating Faith and Social Work Practice	3 hours
SWK 3043	Social Work with Diverse Populations	3 hours
SWK 3063	Human Behavior in the Social Environment I	3 hours
SWK 3073	Human Behavior in the Social Environment II	3 hours
SWK 3113	Social Work Practice I: Helping Skills	3 hours
SWK 3123	Social Work Practice II: Individuals	3 hours
SWK 3133	Social Work Practice III: Families and Groups	3 hours
SWK 4013	Social Welfare Policy	3 hours
SWK 4143	Social Work Practice IV: Communities and Organizations	3 hours
SWK 4256	BSW Seminar and Practicum I	6 hours
SWK 4266	BSW Seminar and Practicum II	6 hours
PSY 3033	Abnormal Psychology	3 hours
PSY 3243	Elementary Statistics	3 hours

Social Work supportive courses are to be taken from the following: ..... 9 hours

BIO 3304 Anatomy and Physiology
PSY/SOC 4333 Child Abuse and Neglect
PSY/SOC 4053 Death and Dying
PSY/SOC 4373 Being Human and Addicted
SOC 3033 Family Violence
SOC 3023 Sociology of Gender
SOC 4033 Criminology
SOC 4083 Gerontology
SWK 296(1-3) Special Topics in Social Work
SWK 4953 Intensive Studies in Social Work

Minor in Social Welfare

18 hours beyond a major, as follows:

SWK 2003	Introduction to Social Work	3 hours
SWK 3113	Social Work Practice I Helping Skills	3 hours
SWK 3063	Human Behavior in the Social Environment I *or*	
PSY 3063	Human Growth and Development	3 hours
SWK 4013	Social Welfare Policy	3 hours

Six hours of electives chosen from the following ..... 6 hours

PSY 3313 Introduction to Counseling

PSY 4273 Small Group
SOC 4043 Minorities
SOC 3033 Family Violence
SOC 4053 Death and Dying
SOC 4333 Child Abuse and Neglect
SOC 4083 Gerontology
PSY 4363 Marriage and Family Counseling
SOC 4373 Being Human and Addicted
SWK 296(1-3) Special Topics in Social Work
SWK 4953 Intensive Studies in Social Work

Courses taken in the Social Welfare Minor are considered a separate discipline.

Sociology

Sociology provides an educational background relative to the nature and causes of social problems. It aids students in understanding social institutions, group life, and the influence of environmental factors upon the individual and society. Theoretical bases of sociology are integrated throughout the major. **Note:** Introduction to Sociology (SOC 1003) is the general prerequisite course for **all** courses in sociology, but the student must meet the additional prerequisites, if they are required as indicated in the course description section of this catalog. Introduction to Sociology also meets the requirements for General Education and, thus, will be counted towards those hours for degree check purposes.

Sociology Major - B.A. Degree

The B. A. degree in Sociology requires: (1). Two semesters of a foreign language (6-8 hours), and (2). Thirty-three hours in Sociology, completed as follows.

SOC 1003 Introductory Sociology ..... 3 hours
SOC 2003 Social Problems ..... 3 hours
SOC 2233 Introduction to Research ..... 3 hours
SOC 3243 Elementary Statistics ..... 3 hours
SOC 4063 Sociological Theory ..... 3 hours
SOC 2001, 3001, 4001 Behavioral Science Seminar Series ..... 3 hours
Sociology (SOC) electives ..... 6 hours
EXTENDED CORE:
Multiculturalism (Select two courses from the following):
SOC 3023 Sociology of Gender ..... 3 hours
SOC 3063 Community Sociology ..... 3 hours
SOC 4043 Minorities in American Society ..... 3 hours
SOC 4083 Gerontology ..... 3 hours
Social Institutions and Structure (Select one course from the following):
SOC 3003 The Family ..... 3 hours
SOC 3073 Social Psychology ..... 3 hours
SOC 4033 Criminology ..... 3 hours
SOC 4073 Sociology of Religion ..... 3 hours
SOC 4233 Research Design and Methods ..... 3 hours
Social Action (Select one course from the following):
SOC 2982 Community Project ..... 3 hours
SOC 3033 Family Violence ..... 3 hours
SOC 3083 Psychological and Sociological Implications of Cognitive Impairment ..... 3 hours
SOC 4053 Death and Dying ..... 3 hours
SOC 4333 Child Abuse ..... 3 hours
SOC 4373 Being Human and Addicted ..... 3 hours

Sociology Major - B.S. Degree

The B. S. degree in Sociology requires the completion of 33 hours in Sociology (as listed in the B. A. degree section) and completion of one of the following three options: (1) 8-9 hours of upper level psychology, or 8-9 hours of upper level natural science; OR (2) Complete the requirements for a minor within the department; OR (3) Complete the requirements for a second major as listed in the catalog. **Note:** The approved second major from this department would be either Psychology, Social Work or Criminal Justice.

Minor in Sociology

Eighteen hours, beyond a major, as follows:

SOC 2003	Social Problems	3 hours
Sociology (SOC) electives		15 hours

Minor in Gerontology

Twenty-one hours beyond a major, as follows:

BIO/KIN 2243	Nutrition	3 hours
PSY 3063	Human Growth and Development OR	
SWK 3063	Human Behavior in the Social Environment	3 hours
SWK 2003	Introduction to Social Work	3 hours
SOC 4053	Dealing with Death and Dying	3 hours
SOC 4083	Gerontology	3 hours
SOC 4963	Field Experience in Gerontology	3 hours

(This would follow the completion of all gerontology course work.)

Three hours of gerontology electives from the following ..... 3 hours

ESC/KIN 4033 Special Populations
SWK 3043 Diverse populations
SOC 3033 Family Violence
PSY 4263 Physiological Psychology

Certificate in Child Care Work

May be taken with the pursuit of the AA or AAS degree. Twenty-one hours beyond a major, as follows:

One course in DEVELOPMENT (PSY 3053, or PSY 3063, or PSY 4033)		3 hours
One course in BEHAVIORAL INTERVENTIONS (PSY 4093, or EDU 3823, or EDU 3833)		3 hours
One course in SAFETY (KIN 3093 or EDU 2243)		3 hours
SOC 4333	Child Abuse and Neglect	3 hours
PSY 4983	Child Care Worker Internship	3 hours
Two courses of ELECTIVES (PSY 3313 or SWK 2003; SOC 3003 or PSY 4363)		6 hours

Criminal Justice

Criminal Justice provides a basic educational background which is designed to prepare the student for careers in the various areas of criminal justice including law enforcement, corrections, probation and parole, private security, chaplaincy, courts, and research. Theoretical and practical emphases are integrated into the major.

Criminal Justice Major - B.S. Degree

Complete the graduation requirements and general education requirements for the B.S. degree and, complete one of the following three options (1) 8-9 hours of upper level psychology, sociology or natural sciences, (2) complete the requirements for a minor within the department, (3) complete the requirements for a second major as listed in the catalog

plus 36 hours in criminal justice including: **Note:** The approved second major from this department would be either Psychology, Social Work or Sociology.

CRJ 2313 Introduction to Criminal Justice....3 hours
CRJ 2333 Judicial Process....3 hours
CRJ 3313 Law Enforcement Organization and Administration....3 hours
CRJ 3373 Juvenile Delinquency....3 hours
CRJ 4313 Corrections....3 hours
CRJ 4333 Criminal Law....3 hours
CRJ 4373 Police Methods and Procedures....3 hours
PSY 3033 Abnormal Psychology (PSY 1013 is a prerequisite)....3 hours
SOC 3073 Social Psychology (PSY 1013 or SOC 1003 is a prerequisite)....3 hours
SOC 4033 Criminology....3 hours
Six hours of electives selected from the following: ....6 hours
POL 4563 The Supreme Court and Constitutional Development (POL 1113 or POL/HON 1013 is a prerequisite)
PSY/SOC 3243 Elementary Statistics
PSY 4093 Behavior Modification
PSY/SOC 4233 Research Design and Methods
SOC 2003 Social Problems
SOC 3033 Family Violence
SOC 3063 Community Sociology
SOC 4043 Minorities
SOC 4333 Child Abuse and Neglect
SOC 4373 Being Human and Addicted
CRJ 3033 Serial Killers
CRJ 295(1-3).... Special Topics
CRJ 495(1 3)Intensive Studies

Minor in Criminal Justice

Eighteen hours including:
CRJ 2313 Introduction to Criminal Justice....3 hours
CRJ 3373 Juvenile Delinquency....3 hours
CRJ 4333 Criminal Law....3 hours
Nine hours of electives chosen from the following: ....9 hours
CRJ 2333 Judicial Process
CRJ 3033 Serial Killers
CRJ 3313 Law Enforcement Organization and Management
CRJ 4313 Corrections
CRJ 4373 Police Methods and Procedures
POL 4563 Supreme Court and Constitutional Development
SOC 4043 Minorities
SOC/PSY 4373 Being Human and Addicted
SOC/PSY 4333 Child Abuse and Neglect

Individuals who received certification upon completion of the 470-600 hour or equivalent training programs of the police/sheriff's academies will be granted the following in transfer of credit upon acceptance into SBU:
CRJ 2313 Introduction to Criminal Justice....3 hours
CRJ 2953 Special Topics....3 hours
CRJ 2953 Special Topics....3 hours
CRJ 4333 Criminal Law....3 hours
KIN 3093 Responding to Emergencies....3 hours

Minor in Military Science

Most of the MIL course requirements are provided at Missouri State University in Springfield, MO. Military Science students actually register at Southwest Baptist University, but must also coordinate this registration with the MSU Department of Military Science. (MSU, Dept. of Military Science, 901 S. National, Springfield, MO 65804, 417-836-5791).

Twenty-one hours including:*

MIL 3013	Military Leadership and Operations	3 hours
MIL 3023	Military Skills Building	3 hours
MIL 3255	Advanced Military Science Practicum (Advanced camp, taken in summer)	3 hours
MIL 4113	Military Qualification Skills for the Advanced Cadet	3 hours
MIL 4123	Transition from Cadet to Lieutenant	3 hours
HIS 3153	Military History (MSU) or HIS 4953 Intensive Studies in History (SBU)	3 hours

* A student who does not have previous military experience will require additional course work. Consult with the Department of Behavioral Sciences.

DEPARTMENT OF EDUCATION

Department Chair & Director of Teacher Education: Dwight Haun
Office: 102 Gott Educational Center - (417) 328-1717 or 2043
Faculty: Julie Bryant, Jennifer Fox, Charles Lentz, Scott Morrison, Tamara Samek, Colleen Shuler
Mountain View Faculty: Donna Depeé, Sarah Russback, Cathy Smith
Certification Officer and Coordinator of Clinical Experiences: Ken Spurgeon

Mission Statement

The Department of Education is a learning community preparing teachers and administrators to be caring, effective practitioners in today's schools.

The teacher education program is approved by the State Board of Education of the State of Missouri on an annual basis. The Missouri Department of Elementary and Secondary Education (DESE) grants this approval. When state department requirements change for teacher certification, the new requirements take precedence over this catalog. SBU reserves the right to amend the curriculum and require teaching certificate candidates to graduate under a program that reflects these changes. Southwest Baptist University is authorized to conduct a professional education program and recommend candidates for both initial certification and second areas of certification as listed in the table below. Total hours must meet SBU's graduation requirements. The Teacher Education Program is also recognized by the Association of Christian Schools International (ACSI).

Elementary 1-6 concentration area required Middle School 5-9 Language Arts 5-9 Mathematics 5-9 Science 5-9 Social Science 5-9 Speech/Theatre 5-9 (concentration area) Mountain View campus Elementary 1-6	Certification in content areas 9-12, K-12 Art K-12 Biology 9-12 Chemistry 9-12 Computer Science 9-12* English 9-12 Mathematics 9-12 Music (Instrumental, Vocal) K-12 Physical Education K-12 Social Science 9-12 Speech and Theatre 9-12 Spanish K-12 Unified Science: Biology 9-12 Chemistry 9-12

Before being admitted into the teacher education program, candidates must pass all sections of the Missouri General Education Assessment (MoGEA), complete the Missouri Educator Profile (MEP), achieve a cumulative grade point average of 2.75 on a 4.0 scale, a grade point average of 3.0 in professional education coursework, a grade point average of 3.0 in the candidates' chosen area, and the approval of the Department of Education faculty and faculty in the candidate's chosen area. Additional requirements and procedures are found in the Teacher Education Handbook.

Under Title II reporting during the 2015-2016 academic year, 205 undergraduate students had been accepted into the teacher education program and were pursuing elementary, middle, or secondary certification. A total of 66 students completed supervised student teaching in either the fall or spring semester. At Southwest Baptist University, student teaching consists of a minimum of 35 hours per week for a full semester. Placement for student teaching is made in schools that are within a 50 mile radius of Bolivar. The faculty-student ratio in supervised student teaching during the 2015-2016 report year was 2.2 in the fall and 3.5 in the spring.

Bachelor of Arts Degree
Elementary Education Certification, Grades 1-6

In addition to the requirements for a B.S. degree, the student must complete two approved courses in the same foreign language to obtain a B.A. degree. (See Bachelor of Arts/General Education Requirements.)

Bachelor of Science Degree
Elementary Education Certification, Grades 1-6

On the Bolivar campus Elementary Education majors must complete prescribed course work in elementary education in order to receive initial certification. This includes University general education requirements and completion of supporting work in one of the following focus areas. A list of the focus area courses may be obtained from the Department of Education.

Focus Areas

Early Childhood (Birth-Grade 3)
Art
Physical Education
Spanish
Middle School Education 5-9 (Choose one content area)

On the Mountain View campus, students complete a Social Science focus area.

General Education Requirements

Southwest Baptist University's Department of Education requires that the following courses be taken by elementary education teacher candidates (specific general education courses):

GEO 1103 Geography
MAT 1143 College Algebra
MAT 2393 Geometry, Data, and Probability for Elementary/Middle School Teachers
PHS 2005 Physical Science for Elementary and Middle School Teachers

Professional Education Coursework.....66 hours

EDU 2003	Curriculum Planning and Assessment
EDU 2113	Educational Psychology
EDU 2121	Field Experience Level 1 (for non-early childhood)
EDU 2283	Methods of Teaching Number Theory in Elementary and Middle Schools
EDU 2313	Foundations of Education
EDU 2343	Emergent Literacy
EDU 2353	Children's Literature
EDU 2823	Technology for Educators
EDU 3003	Teaching Social Sciences in the Early Childhood and Elementary Classroom
EDU 3043	Learner Development and the Classroom

EDU 3114 Teaching Reading/Language Arts in the Early Childhood and Elementary Classroom I
EDU 3124 Teaching Reading/Language Arts in the Early Childhood and Elementary Classroom II
EDU 3143 Integrating Art, Music, and Movement in the Early Childhood and Elementary Classroom
EDU 3163 Teaching Integrated Math in the Early Childhood and Elementary Classroom
EDU 3183 Teaching Integrated Science in the Early Childhood and Elementary Classroom
EDU 3311 Field Experience Level 2 in Lower Elementary (Grades 1-3)
EDU 3321 Field Experience Level 2 in Upper Elementary (Grades 4-6)
EDU 3483 School, Home and Community Collaboration
EDU 3823 Behavior and Classroom Management in the Early Childhood and Elementary Classroom
EDU 4691 Student Teaching Seminar
EDU 4842 Teaching Diverse Learners (Block)
EDU 4929 Student Teaching in the Elementary 1-6 School (Block)
KIN 3093 Responding to Emergencies
Or
Documentation of current CPR certification

Bachelor of Arts Degree
Middle School Certification, Grades 5-9

In addition to the requirements for a B.S. degree, the student must complete two approved courses in the same foreign language to obtain a B.A. degree. (See Bachelor of Arts/General Education Requirements.)

Bachelor of Science Degree
Middle School Certification, Grades 5-9

Middle School Education majors must complete prescribed course work in middle school education in order to receive initial certification. This includes University general education requirements, a minimum of 24 semester hours in one of the areas of concentration listed below (primary area) and a minimum of 15 semester hours in a second area of concentration listed below (second area). A copy of the certificate planning sheets in each area of certification may be obtained from the Department of Education or on the Department of Education web site.

Language Arts (5-9)
Mathematics (5-9)
Science (5-9)
Social Science (5-9)
Speech/Theatre (5-9)
Spanish – only as a second area of concentration

Professional Education Coursework .....88-90 hours
(includes courses in primary and second area of concentration)

EDU 2113 Educational Psychology
EDU 2131 Field Experience Level 1 (observing/assisting) in Middle School/Jr. High
EDU 2313 Foundations of Education
EDU 2463 Foundations of Middle School
EDU 3013 Analyzing and Amending Reading Problems
EDU 3043 Learner Development and the Classroom
EDU 3613 Content Area Literacy
EDU 3833 Behavior and Classroom Management Secondary
EDU 4473 Psychology of the Middle School Student
EDU 3331 Field Experience Level 2 in Middle School
EDU 4493 Middle School Curriculum
EDU 45__ Methods of Teaching in primary area (2-3 hours)
EDU 2823 Technology for Educators
EDU 4691 Student Teaching Seminar
EDU 4832 Assessment and Evaluation of Learners (Block)

EDU 4842 Teaching Diverse Learners Block)
EDU 4939 Student Teaching in the Middle 5-9 School (Block)

Language Arts .....24 hours
ENG 1113 English Composition I
ENG 2213 English Composition II or ENG 1123 English Composition (Honors)
ENG 3353 Advanced Composition
ENG 3373 Structure of the English Language
ENG 3303 American Literature for Young Adults
ENG ____ (American literature elective)
ENG ____ (English or world literature elective)
EDU/ENG 4543 Methods of Teaching Writing

Mathematics ..... 24-25 hours
MAT 1143 College Algebra
MAT 2393 Geometry, Data, and Probability for Elementary/Middle School Teachers
MAT 1195 Calculus I
MAT 3343 Mathematical Statistics
MAT 3353 Integrated Math
MAT 3372 Math Technologies
MAT 3382 History of Mathematics
3 hours of upper division math electives

Science .....25 hours
BIO 1004 Principles of Biology
BIO 2134 General Zoology or BIO 2234 General Botany
BIO 3334 Ecology or BIO 2213 Environmental Biology
PHS 2005 Physical Science for Elementary/Middle School Teachers
PHS 3303 History/Philosophy of Science/Technology
CHE 1115 General Chemistry I

Social Science .....24 hours
HIS 1113 Introduction to the History of World Civilization: From the Earliest Times to the Renaissance
HIS 1123 Introduction to the History of World Civilization: Renaissance to the Present
HIS 2213 History of the U.S. I *or* HIS/HON 2013 Honors U.S. History I
HIS 2223 History of the U.S. II
POL 1113 American Government and Politics *or* POL/HON 1013 Honors American Government and Politics
POL 2223 American State and Local Government
GEO 1103 Geography
ECO 2023 Principles of Microeconomics or ECO 2033 Principles of Macroeconomics

Speech/Theatre.....24 hours
COM 1103 Fundamentals of Speech *or* COM/HON 2213 Honors Fundamentals of Speech
COM 2223 Argumentation and Debate
COM 3303 Oral Interpretation of Literature
COM 3313 Advanced Public Speaking
COM 3383 Small Group Communication OR COM 2393 Interpersonal Communication
THR/FAR 1033 Introduction to Theatre
THR 1053 Stagecraft
THR 3013 Stage Management

Bachelor of Arts Degree
Certification in Content Areas, Grades 9-12

In addition to the requirements for a B.S. degree, the student must complete two approved courses in the same foreign language to obtain a B.A. degree. (See Graduation Requirements.)

Bachelor of Science Degree
Certification in Content Areas, Grades 9-12, K-12

Specific course requirements for obtaining certificates to teach in subject matter areas are established by the department involved in cooperation with the Department of Education. These requirements are based on minimum standards issued by the Missouri State Department of Elementary and Secondary Education. A copy of the certificate planning sheets in each area of certification may be obtained from the Department of Education or on the Department of Education web site.

Certification in secondary education consists of completion of an academic major in which initial certification is sought and completion of Professional Education Requirements.

Professional Education Coursework ..... 40-45 hours

EDU 2113	Educational Psychology
EDU 2141	Field Experience Level 1 (observing/assisting) Secondary
EDU 2313	Foundations of Education
EDU 2823	Technology for Educators
EDU 3013	Analyzing & Amending Reading Problems (for 9-12 certification only)
EDU 3043	Learner Development and the Classroom
EDU 3333	Principles and Methods of Secondary Instruction
EDU 3341	Field Experience Level 2 Secondary School
EDU 3613	Content Area Literacy
EDU 3833	Behavior and Classroom Management Secondary
EDU 45__	Methods of Teaching in the Content Area (2-4 hours)
EDU 4691	Student Teaching Seminar
EDU 4832	Assessment and Evaluation of Learners (Block)
EDU 4842	Teaching Diverse Learners (Block)
EDU 4949	Student Teaching Secondary 9-12 School (Block) or
EDU 4959	Student Teaching in the K-12 School (Block)

Associate Degrees in Teaching

Students pursuing the **Associate of Arts in Teaching** must complete the following requirements:

General Education Requirements (some options are specified) ..... 44 hours
Graduation Requirements (includes a foreign language) ..... 16-18 hours
Education Coursework: EDU 2113, 2121, 2313 and 2823 ..... 10 hours
Total ..... **70-72 hours**

Students pursuing the **Associate of Science in Teaching** must complete the following requirements:

General Education Requirements (some options are specified) ..... 44 hours
Graduation Requirements ..... 10 hours
Education Coursework: EDU 2113, 2121, 2313 and 2823 ..... 10 hours
Total ..... **64 hours**

DEPARTMENT OF KINESIOLOGY

Department Chair: Joe Wooderson
Office: Jane and Ken Meyer Wellness and Sports Center - (417) 328-1772
Faculty: Kevin Day, John Hinsley, Paul Putt
Faculty Associate: Gina Whitehead

Mission Statement

To prepare students to glorify God through maintaining healthy lifestyles and lead others in the pursuit of wellness attitudes and activities.

Physical Education

Recognizing that mental cognition and efficiency is dependent upon organic health and vigor, and with the philosophy that training and development of the body should be as systematic and thorough as training of the mind, programs for individual and team physical enhancement are offered in health and physical education. Fundamentals of sports and athletic skills are taught and opportunities for participation are provided through various physical education programs. This program leads to Missouri teacher certification in grades K-12. Students desiring to pursue a career in a sports related area other than teaching may pursue a major in Sport Management. A physical education major must pursue a course of study that leads to either the bachelor of arts degree or the bachelor of science degree. Enrollment in upper level education courses by all students seeking State Teacher Certification is limited to those students who have a cumulative GPA of 2.75, a GPA of 3.0 in physical education coursework, a GPA of 3.0 in professional education coursework, passed all state required assessments, completed their file in the Office of Teacher Education, and been approved by faculty in the Department of Kinesiology and the Department of Education. A person fulfilling degree requirements may be eligible to graduate with or without teaching certification. (Please see Department of Education – Bachelor of Science Degree Certification in Content Areas, Grades 9-12, K-12.)

Physical Education Certification K-12

A major leading to certification in grades K 12 requires the following courses and completion of teacher education requirements.

KIN 1023	Individual and Team Activities	3 hours
KIN 1033	Foundations of Physical Education	3 hours
KIN 1163	Foundations of Physical Fitness/Wellness for Professionals	3 hours
KIN 2023	Perceptual Motor Development	3 hours
KIN 2133	Principles of Human Anatomy	3 hours
KIN 2143	Lifetime Activities	3 hours
KIN 2243	Nutrition	3 hours
KIN 3043	Analysis of Basic Rhythms	3 hours
KIN 3053	Measurement and Evaluation in Sport	3 hours
KIN 3073	Physiology of Exercise	3 hours
KIN 3083	Care and Prevention of Athletic Injury	3 hours
KIN 3093	Responding to Emergencies	3 hours
KIN 3133	Teaching Elementary Physical Education	3 hours
KIN 4003	Kinesiology	3 hours
KIN 4013	Sport in American Society	3 hours
KIN 4043	Adapted Physical Education	3 hours
KIN 4533	Secondary Methods of Teaching Physical Education	3 hours
ATH 3013	Athletic Training Techniques I	3 hours

Exercise Science Major – B.S. Degree

The exercise science major is designed for students interested in a career in personal training, biomechanics, or those students who intend to pursue post-graduate schooling/certification in physical therapy, athletic training, or exercise physiology. **Note**: Students are required to take KIN 1163, PSY 1013, and CHE 1115 as General Education courses. Students who are planning to attend Physical Therapy school may substitute PTH 2523 for NUR/HSC 1002.

Core Curriculum (80-81 hours)

KIN 3083	Care and Prevention of Athletic Injury	3 hours
BIO 2204	Human Anatomy & Physiology I	4 hours
BIO 3304	Human Anatomy & Physiology II	4 hours
ESC 1013	Introduction to Exercise Science *or*	
ATH 2103	Introduction to Athletic Training	3 hours
ESC 4043	Exercise Science Practicum	3 hours
ESC 4053	Biomechanical Analysis	3 hours
ESC 4001	Exercise Science Capstone	1 hour
ESC 4986	Exercise Science Internship	6 hours
KIN 1043	Personal & Community Health	3 hours
KIN 1163	Foundations of Fitness for Professionals for Professionals	3 hours
KIN 2023	Perceptual Motor Development	3 hours
KIN 2243	Nutrition	3 hours
KIN 3073	Physiology of Exercise	3 hours
KIN 3093	Responding to Emergencies	3 hours
KIN 4003	Kinesiology	3 hours
KIN 4013	Sport in American Society	3 hours
KIN 4033	Special Populations	3 hours
KIN 4762	Problem Solving	2 hours
KIN 4773	Principles of Strength & Conditioning	3 hours
NUR/HSC 1002	Medical Terminology *or*	
PTH 2523	Introduction to Physical Therapy (Spring, Even)	2-3 hours
PHY 1115	General Physics I	5 hours
PSY 3063	Human Growth & Development	3 hours
PSY/SOC 3243	Elementary Statistics	3 hours
PSY 3393	Introduction to Sports Psychology	3 hours
PSY/SOC 4373	Being Human and Addicted	3 hours
SOC 4083	Gerontology *or*	
SOC 3003	The Family	3 hours

Other admission requirements for the SBU DPT should be obtained directly from the Department of Physical Therapy, Southwest Baptist University, Bolivar, MO, 65613, (417) 328 1672. Admissions to the SBU DPT program is based on competitive applications. Completion of the Exercise Science Major should not be construed as a guaranteed acceptance into the SBU DPT program, nor does it guarantee acceptance into physical therapy programs not associated with SBU. Students selecting this major are strongly encouraged to keep in close contact with both their Exercises Science Advisor and the DPT Admission Coordinator beginning with their first year of study.

Sport Management Major - B.A. or B.S. Degree

The sport management major is an interdisciplinary program designed for students interested in a career in sports related areas other than education. Students should complete all courses listed in the Core section and a concentration listed below. The B.A. degree requires 8 hours of a foreign language.

Sport Management Core Courses (51 hours)

BUS 2013	Business Communications	3 hours
KIN 2092	Athletic Facilities	2 hours
KIN 3093	Responding to Emergencies	3 hours

KIN 4002	Sports Programming	3 hours
KIN 4013	Sport in American Society	3 hours
KIN 4023	Organization and Administration of Sport	3 hours
KIN 4762	Problem Solving	2 hours
LDR 4043	Ethics and Professional Development	3 hours
MGT 3013	Principles of Management	3 hours
MGT 4033	Human Resource Management	3 hours
MKT 3023	Principles of Marketing	3 hours
PSY 3243	Elementary Statistics	3 hours
PSY 3393	Sport Psychology	3 hours
SOC 3063	Community Sociology	3 hours
SPM 1113	Introduction to Sport Management	3 hours
SPM 3963	Sport Management Practicum	3 hours
SPM 4986	Sport Management Internship	6 hours

Sports Administration (24 hours)

ACC 2023	Principles of Financial Accounting	3 hours
BUS 3073	Legal Environment of Business I	3 hours
COM 2233	Introduction to Public Relations	3 hours
KIN 2012	Officiating Sports	2 hours
PSY 3033	Abnormal Psychology	3 hours
PSY 4373	Being Human and Addicted	3 hours
SOC 4043	Minorities in American Society	3 hours
KIN ****	4 hours of coaching classes	4 hours

Select two course from the following ..... 4 hours

- KIN 2032 Coaching of Volleyball
- KIN 2052 Coaching of Softball and Baseball
- KIN 3012 Coaching of Football
- KIN 3022 Coaching of Basketball
- KIN 3062 Coaching of Track and Field

Fitness and Wellness Administration (24 hours)

KIN 1043	Personal and Community Health	3 hours
KIN 2133	Principles of Human Anatomy	3 hours
KIN 2243	Nutrition	3 hours
KIN 3053	Measurement and Evaluation	3 hours
KIN 3073	Physiology of Exercise	3 hours
KIN 3083	Care and Prevention of Athletic Injury	3 hours
KIN 4003	Kinesiology	3 hours
KIN 4773	Principles of Strength Conditioning	3 hours

DEPARTMENT OF HISTORY AND POLITICAL SCIENCE

Department Chair: Kwasi Ofori-Yeboah
Office: Taylor 203 - (417) 328-1723
Faculty: Coyle Neal, James O. Smith, Timothy Wood

Mission Statement

The department of History and Political Science prepares students in the broadly defined academic disciplines of history and politics, with special regard to the dynamics of the cultural heritage of both of this nation and the world, from a worldview integrating both the Christian faith and Biblical values.

The Department of History and Political Science offers a major and minor in history, a major and minor in political science, coordinates prelaw advisement, and oversees the multi-disciplinary major program in social science education. Course work offered by this department is designed to meet the needs of those students who are (1) preparing for graduate work in history or political science; (2) preparing for teacher certification in the social studies subjects; (3) preparing for advanced professional studies programs or careers such as law, public service, ministry, business, missions, etc., whether in the United States or abroad; or (4) simply interested in majoring in history or political science. One half of the hours counted toward a major and at least 6 hours counted toward a minor must consist of courses taken in residence at Southwest Baptist University. Except for credit earned on the CLEP General Examination in Social Science and History, which may not be counted, any appropriate credit earned through regular or OLIS courses or examinations offered through Southwest Baptist University may be counted as residence credit toward a major or minor.

History

The baccalaureate degree in history requires a minimum of 128 semester hours of credit to be earned by completion of the University general education requirements, University graduation requirements, History course requirements, supporting work, and elective courses.

History Major - B.A. or B.S. Degree

Students pursuing a major in history must take HIS 1113 and HIS 2213 for their general education requirements. Beyond these two classes, they must complete 33 semester hours with a minimum cumulative GPA of 2.00. These hours include 27 semester hours of history, namely, HIS 1123, HIS 2223, and 21 hours of 3000 and 4000 level work in history. As outlined below, the upper division courses must include 6 hours of ancient or medieval history; 3 hours in modern world history; 3 hours of Asian History; 6 hours in United States history; and 3 hours of History Capstone. Students must also complete 6 semester hours of political science (excluding POL 1113 and POL/HON 1013). All history majors (including those with a conjunctive or double major) must also take the History ACAT prior to graduating.

History Requirements

General Education Requirements ..... 6 hours
- HIS 1113 Introduction to the History of World Civilization: From the earliest times to the Renaissance
- HIS 2213 History of the United States, 1492-1865 (or HIS/HON 2013 Honors U.S. History I)

Introductory History courses ..... 6 hours
- HIS 1123 Introduction to the History of World Civilization: From the Renaissance to the present
- HIS 2223 History of the United States, 1865-Present

Ancient/Medieval history block (2 courses from the following list) ..... 6 hours
- HIS 3323 Ancient Rome and the Empire
- HIS 3333 Ancient Military History
- HIS 3423 Europe in the Middle Ages
- HIS 4303 The Ancient Near East
- HIS 4313 Ancient Egypt
- HIS 4323 Ancient Greece
- HIS 4413 Roman Imperial Civilization and the Early Church
- HIS 4953 Intensive Studies in ancient or medieval history
- HIS 4993 Independent Study in ancient or medieval history

Modern world history block (1 course from the following list) ..... 3 hours
- HIS 3513 Europe during the Renaissance Period
- HIS 3523 Europe during the Reformation Period
- HIS 4953 Intensive Studies in modern world history
- HIS 4993 Independent Study in modern world history

American history block (2 courses from the following list)..... 6 hours
- HIS 3003 The US Civil War
- HIS 3153 American Military History
- HIS 3813 Colonial and Revolutionary American
- HIS 3823 America in the Early National and Civil War Eras
- HIS 3833 Gilded Age and Progressivism, 1877 - 1928

HIS 3843	Recent United States History, 1928 - present
HIS 4953	Intensive Studies in American history
HIS 4993	Independent Study in American history

HIS 4503 History Capstone Seminar.....3 hours
History Elective .....3 hours
Political Science Electives (excluding POL 1113) .....6 hours

The B.S. degree requires, in addition, 9 hours of supporting work in the social science fields of anthropology, geography, political science (except POL 1013/1113 or courses counted in major), psychology (except PSY 1013) and sociology (except SOC 1003). Students completing another major in addition to history in the B.S. degree program may waive this 9 hours of supporting work.

Minor in History

Students pursuing a minor in history must complete 18 semester hours of history beyond HIS 1113 and HIS 2213 which must be taken for general education credit. All history classes must have a minimum cumulative GPA of 2.00. These hours include HIS 1123 and HIS 2223; 3 semester hours from the ancient and medieval history block, 3 semester hours from the modern world history block; and 6 semester hours from the United States history block.

Political Science

The political science program offers excellent preparation for a broad range of careers not only for students who are interested in attending law school or pursuing public service careers, but also for those anticipating careers overseas in government service, business, or missions. Please see the information on the suggested academic program for Prelaw studies found at the end of this section. The baccalaureate degree in political science requires a minimum of 128 semester hours of credit to be earned through completion of the University general education requirements, University graduation requirements, the political science core curriculum, the upper division political science courses, supporting work, and elective courses. All political science majors must also take the Political Science Major Field test prior to graduating.

Political Science Major - B.A. or B.S. Degree

Students pursuing a major in political science must complete 32 semester hours of political science courses above POL 1113, which must be taken for general education credit. All Political Science classes must have a minimum cumulative GPA of 2.00. These hours include 24 hours of 3000 and 4000 level work in political science. As outlined below, students must also complete 9 semester hours of supporting work for the Bachelor of Science degree.

Political Science Requirements

POL 2223	American State and Local Government .....3 hours
POL 295(2-3)	Special Topics in Political Science ..... 2-3 hours
POL 4453	Congress and the Legislative Process .....3 hours
POL 4563	The Supreme Court and Constitutional Development .....3 hours
POL 4673	The American Presidency .....3 hours
POL 4883	Political Philosophy .....3 hours
POL 3313	International Relations .....3 hours
POL 3323	Comparative Government .....3 hours
HIS 3843	Recent United States History, 1928-present .....3 hours

Electives (2 courses from the following list).....6 hours

POL 4983	Internship in Political Science
POL 4953	Intensive studies in Political Science
POL 4993	Independent studies in Political Science
MAT 3343	Mathematical Statistics or BUS 2023 Business Statistics or
PSY/SOC 3243	Elementary Statistics

Supporting Work for Bachelor of Science degree (3 courses from the following list) .....9 hours

ACC 2013	Principles of Financial Accounting

BUS 3073	Legal Environment of Business I
BUS 3083	Business Enterprise/Debtor and Creditor Rights
COM 3363	American Public Address
HIS 3783	United States Diplomatic History, 1775 B 1928
HIS 3893	United States Diplomatic History, 1928 B present
MGT 3013	Principles of Management
SOC 4033	Criminology
SOC 4043	Minorities in American Society

Students completing another major in addition to political science in the B.S. degree program may waive the above supporting work.

Minor in Political Science

Students pursuing a minor in political science must complete 18 semester hours of political science history beyond POL 1113, which must be taken for general education credit. All Political Science classes must have a minimum cumulative GPA of 2.00. The minimum requirements are:

Introductory American Politics ..... 3 hours
- POL 2223 American State and Local Government

Advanced American Politics (2 courses from the following list) ..... 6 hours
- POL 4453 Congress and the Legislative Process
- POL 4563 The Supreme Court and Constitutional Development
- POL 4673 The American Presidency
- BUS 3073 Legal Environment of Business I (recommended for Pre-Law students)
- POL 4953 Intensive Studies in American Political Science

Advanced World Politics (2 courses from the following list) ..... 6 hours
- POL 4883 Political Philosophy
- POL 3313 International Relations
- POL 3323 Comparative Government
- POL 4953 Intensive studies in Political Science

Elective Political Science ..... 3 hours
- One course drawn from the courses listed above

Social Science Education

Enrollment in upper level education courses by all students seeking State Teacher Certification is limited to those students who have a cumulative GPA of 2.75, a GPA of 3.0 in social science coursework, a GPA of 3.0 in professional education coursework, passed all state required assessments, completed their file in the Office of Teacher Education, and been approved by faculty in the Department of History and Political Science and the Department of Education. A person fulfilling degree requirements may be eligible to graduate with or without teacher certification. (Please see Department of Education – Bachelor of Science Degree Certification in Content Areas, Grades 9-12, K-12.) Students completing a major in social science education must complete the History Major Field test prior to graduating.

The baccalaureate degree in social science education requires a minimum of 128 semester hours of credit to be earned by completion of the University general education requirements, University graduation requirements, education certification requirements, the 51 semester hours in social science education, and electives.

Social Science Education Major - B.S. Degree

Required courses for an initial certification in Social Studies for grades 9 through 12 include certain general education requirements, United States history courses, world history courses, Asian history courses, and additional social science coursework. Fifteen semester hours of the above listed courses must be at the 3000/4000 level.

General Education Requirements (15 hours)

HIS 1113	Introduction to the History of World Civilization: From the earliest times through the Renaissance	3 hours
HIS 2213	History of the United States, 1492-1865 *or* HIS/HON 2013 Honors US History I	3 hours
POL 1113	American Government *or* POL/HON 1013 Honors American Government	3 hours
ECO 2023	Principles of Microeconomics *or* ECO 2033 Principles of Macroeconomics	3 hours
EDU 2113	Educational Psychology	3 hours

History Requirements (6 hours)

HIS 1123	Introduction to the History of World Civilization: From the Reformation to the present	3 hours
HIS 2223	History of the United States, 1865-Present	3 hours

United States History (3 courses from the following list) ..... 9 hours

HIS 3003	U.S. Civil War
HIS 3153	American Military History
HIS 3813	Colonial and Revolutionary American
HIS 3823	America in the Early National and Civil War Eras
HIS 3833	Gilded Age and Progressivism, 1877 - 1928
HIS 3843	Recent United States History, 1928 - present
HIS 4953	Intensive Studies in American history
HIS 4993	Independent Study in American history

Ancient/Medieval history electives (1 course from the following list) ..... 3 hours

HIS 3323	Ancient Rome and the Empire
HIS 3333	Ancient Military History
HIS 3423	Europe in the Middle Ages
HIS 3613	East Asian History to the Rise of the Mongols.
HIS 4303	The Ancient Near East
HIS 4313	Ancient Egypt
HIS 4323	Ancient Greece
HIS 4413	Roman Imperial Civilization and the Early Church
HIS 4953	Intensive Studies in ancient or medieval history
HIS 4993	Independent Study in ancient or medieval history

Modern world history (1 course from the following list) ..... 3 hours

HIS 3513	Europe during the Renaissance Period
HIS 3523	Europe during the Reformation Period
HIS 4953	Intensive Studies in modern world history
HIS 4993	Independent Study in modern world history

Additional Social Science coursework (18 hours)

GEO 1103	Geography	3 hours
POL 2223	American State and Local Government	3 hours
PSY 1013	General Psychology	3 hours
SOC 1003	Introductory Sociology	3 hours
Social science elective in economics, sociology, and psychology		6 hours

Except
PSY 3053 Child Development through Adolescence, PSY 3063 Human Growth and Development, and PSY 4033 Adolescent Development

Professional Education Coursework ..... 44 hours
See Education Certification Worksheet for Social Science Education Grades 9-12 for specific EDU requirements.

Prelaw

The Association of American Law Schools does not recommend a specific prelaw major as the preferred background or preparation for law school. Therefore we do not designate any specific major or minor for students who anticipate attending law school. However, some of the majors and minors typically chosen by prelaw students are political science, business, history, education, English and speech, although any challenging area of study would be appropriate. The Department of History and Political Science offers a special Prelaw seminar [POL 210(1-2)] for students who are planning to go to law school following graduation. Practice Law School Admission Test questions are given during the seminar along with other vital information regarding entrance into law school and other aspects of the legal profession. Entrance into law school is based on a combination of grade point average and scores on the standardized Law School Admission Test (LSAT). The Department of History and Political Science also offers academic advisement for students who are planning to go to law school following graduation. For further information contact the Department of History and Political Science.

COLLEGE OF EDUCATION AND SOCIAL SCIENCES ASSOCIATE DEGREES IN GENERAL STUDIES

The College of Education and Social Sciences houses the A.A. and A.S. in General Studies degrees.

Associate of Arts in General Studies

Students pursuing the A.A. in General Studies degree must complete the following requirements:

General Education Requirements	42 hours
Graduation Requirements (includes a foreign language)	16-18 hours
Electives	4-6 hours

Associate of Science in General Studies

Students pursuing the A.S. in General Studies degree must complete the following requirements:

General Education Requirements	42 hours
Graduation Requirements	10 hours
Electives	12 hours

Geneva Casebolt College of Music, Arts and Letters

Jeffery L. Waters, Dean
Office: Geneva Casebolt Music Center - (417) 328-1632
http://www.sbuniv.edu/academics/colleges/casebolt.php

Departments within the College

Art
Bob R. Derryberry School of Communication Arts
Language and Literature
Music

Mission Statement

The Geneva Casebolt College of Music, Arts and Letters fosters academic excellence in a Christian community that integrates communication skills, creativity, appreciation of the arts, and an understanding of cultural heritage.

Vision Statement

The Geneva Casebolt College of Music, Arts and Letters accomplishes its mission by:

- Encouraging members of the college to integrate academic pursuits, Christian faith, and critical thinking;
- Developing understanding through the study and practice of music performance, history, theory, education, ministry and the music industry;
- Teaching basic art techniques and creative production, the history of Western art, and the art of multiple cultures and time periods;
- Fostering the development of visual and verbal communication through the study and practice of public speaking, interpersonal and intercultural principles, media, public relations, journalism, and theatre; and
- Teaching expository and creative writing, the history and structure of the English language, foreign languages, and the literatures of multiple cultures and time periods.

The Geneva Casebolt College of Music, Arts and Letters serves students by providing liberal arts and professional programs, and by laying a foundation for lifelong avocational involvement in the fine arts and humanities. The college serves churches, schools and the community by preserving and communicating our cultural heritage, and by preparing students for future service and leadership. The college has four departments: Art, the Bob R. Derryberry School of Communication Arts, Language and Literature, and Music.

DEPARTMENT OF ART

Department Chair: David Platter
Office: Jester Learning and Performance Center 144 - (417) 328-1650
Faculty: Grant Cochran
Faculty Associates: Steven Brown, Deborah Gilley

Mission Statement

The Department of Art facilitates and promotes excellence in the visual creative process.

Vision Statement

The Department of Art aspires to:

- Identify the human creative process as a reflection of God's creative nature;
- Introduce students to a broad range of creative techniques and visual media;
- Encourage understanding and interpretation of art within the social and historical context;
- Prepare individuals to perform successfully in a highly competitive art industry;
- Send Art Educators, Commercial Artists, and Fine Artists into the workplace as servant leaders;
- Encourage the individual's life-long exploration, development, understanding and production of visual forms of expression and communication.

The art student can pursue one of three degrees or a specified art minor offered by the department. The 46-hour Art Core is nearly identical for each art degree, and will allow ease in moving from one degree to another within the department. The Art Core is designed to give students significant exposure to a wide variety of art medium, and a solid visual art foundation.

A course designed around the art studio and the production of art product requires significant time and serious commitment by the individual student. Generally students are unable to complete projects in the allotted scheduled class times. The student will be expected to log additional unsupervised time in the studios. As a general rule, art programs throughout the U.S. expect every credit hour of studio coursework to represent three hours of work done in the art studio. For a three-credit-hour course at SBU, the student meets in the classroom with the instructor for three hours per week and is expected to spend an additional six hours in the studio for minimum combined (supervised/instructional and unsupervised) studio time of nine (9) hours per week. It is imperative that each student plans this additional time into his or her schedule. If a student is enrolled in three studios courses, she or he will spend nine hours of scheduled course time with the instructor(s) and should plan to spend an additional 18 hours of time per week working independently in the studios. This may seem excessive to the beginner but the professional art world is highly competitive.

All art majors are required to keep a portfolio of their work and present a comprehensive exhibit of work approved by the department during their senior year. The Department of Art reserves the right to retain the repetitive examples of work from all studio courses for the permanent collection of Southwest Baptist University.

Pictorial and graphic art has significant impact and power; and the study of art, aesthetically and historically, provides a basis and an avenue for personal creative expression, both for the fine artist and the commercial artist. Visual art is a contextual language, both a by-product and a catalyst of the culture. Well-trained, highly skilled artists have a unique opportunity to impact the world around them.

General Art Major - B.S. Degree

The Bachelor of Science degree for the General Art Major is designed to give the serious art student a solid, broad based foundation in the visual arts and can be earned with the completion of the specified 46-hour Art Core. This major affords the student optimum flexibility and can be supplemented with an additional major or minor from another department. This degree is designed for the individual who is seeking a degree in art for the sake of art alone, or as a way to enhance and enrich his or her quality of life.

This degree is also for the student planning to pursue a graduate degree in studio art, the Master of Fine Arts (M.F.A.). This student is strongly encouraged to add at least one optional 18-hour specified Studio Concentration to the 46-hour Art Core. The M.F.A. is the terminal degree in Studio Art and is the degree generally required to teach at the college level. With the B.S. degree all art courses can be applied to the 128 hours for graduation.

General Education Courses ..... **42 hours**
ART/FAR 1013 Introduction to Art (required for General Art major and also counts for Gen. Ed.)
Graduation Requirements ..... **10 hours**
Art Core Courses ..... **46 hours**
ART 1103 Design..... 3 hours

ART 1203	Drawing I	3 hours
ART 2003	Photography I	3 hours
ART 2013	Ceramics I	3 hours
ART 2023	Sculpture I	3 hours
ART 2033	Painting I	3 hours
ART 2203	Drawing II	3 hours
ART 2703	Introduction to Graphic Design	3 hours
ART 2803	Art History I	3 hours
ART 2813	Art History II	3 hours
ART 3033	Painting II	3 hours
ART 3103	Printmaking	3 hours
ART 3813	Fibers *or*	
ART 3003	Life Drawing	3 hours
ART Studio Electives (best if upper-level)		6 hours
ART 4001	Senior Seminar (capstone/senior show)	1 hour
Art Electives, General Electives, 2nd Major, Minor or Studio Concentration		**30 hours**
Total hours		**128 hours**

Optional Studio Concentration

Option 1

Two-Dimensional Studio Concentration ..... **18 hours**

18 hours electives from:

ART 3003	Life Drawing	3 hours
ART 3203	Advanced Drawing Studio I	3 hours
ART 3213	Advanced Drawing Studio II	3 hours
ART 3323	Photography II	3 hours
ART 3603	Advanced Painting Studio I	3 hours
ART 3613	Advanced Painting Studio II	3 hours
ART 3723	Digital Imaging Concepts	3 hours
ART 4203	Advanced Drawing Studio III	3 hours
ART 4213	Advanced Drawing Studio IV	3 hours
ART 4603	Advanced Painting Studio III	3 hours
ART 4613	Advanced Painting Studio IV	3 hours

Option 2

Three-Dimensional Studio Concentration ..... **18 hours**

18 hours electives from:

ART 3013	Ceramics II	3 hours
ART 3023	Sculpture II	3 hours
ART 3403	Advanced Ceramics Studio I	3 hours
ART 3413	Advanced Ceramics Studio II	3 hours
ART 3503	Advanced Sculpture Studio I	3 hours
ART 3513	Advanced Sculpture Studio II	3 hours
ART 3813	Fibers	3 hours
ART 4403	Advanced Ceramics Studio III	3 hours
ART 4503	Advanced Sculpture Studio III	3 hours

Total hours (with one Studio Concentration and 12 hours General Electives) ..... **128 hours**
Total hours (with two Studio Concentrations and no General Electives) ..... **134 hours**

Commercial Art Major - B.S. Degree

(a minor in another area is optional)

The Bachelor of Science degree for the Commercial Art Major is designed for the highly motivated individual wanting to pursue a career in Graphic Design or Digital Imaging. The commercial art industry is a competitive market but the

opportunities are virtually endless. Graphic designers serve the community in virtually all industries. Any publication: newspaper, magazine, annual report, letterhead, business card, menu, catalog, ad, etc., has passed through the hands of a graphic designer.

All students in the commercial art program must complete the specified 46-hour Art Core, the 12-hour Commercial Art Core and a minimum of one 12-hour Commercial Art Concentration in graphic design or digital imaging. The practicum and internship workplaces must be specifically related to the students' area of concentration. As part of the experience of functioning in the business world, students will be required to locate their own workplaces (subject to the approval of the Department of Art) for the practicum and internship. Suggestions for workplaces may be obtained from the department.

General Education Courses ..... **42 hours**
ART/FAR 1013 Introduction to Art (required for Commercial Art major and also counts for Gen. Ed.)
Graduation Requirements ..... **10 hours**
Art Core Courses ..... **46 hours**

ART 1103	Design	3 hours
ART 1203	Drawing I	3 hours
ART 2003	Photography I	3 hours
ART 2013	Ceramics I	3 hours
ART 2023	Sculpture I	3 hours
ART 2033	Painting I	3 hours
ART 2203	Drawing II	3 hours
ART 2703	Introduction to Graphic Design	3 hours
ART 2803	Art History I	3 hours
ART 2813	Art History II	3 hours
ART 3033	Painting II	3 hours
ART 3103	Printmaking	3 hours
ART 3813	Fibers *or*	
ART 3003	Life Drawing	3 hours
ART Studio Electives (best if upper-level)		6 hours
ART 4001	Senior Seminar (capstone/senior show)	1 hour

Commercial Art Core (required) ..... **12 hours**

ART 3043	Graphic Design Production	3 hours
ART 3703	Graphic Design Concepts	3 hours
ART 3713	Graphic Design Portfolio I	3 hours
ART 3723	Digital Imaging Concepts	3 hours

Commercial Art Concentration (choose one or both) ..... **12 hours**
One concentration required

Graphic Design Concentration (12 hours)

ART 4003	Computer Application/Commercial Art	3 hours
ART 4703	Graphic Design Senior Project	3 hours
ART 4713	Graphic Design Portfolio II	3 hours
ART 4963	Practicum (related to Graphic Design) *or*	
ART 4983	Internship (related to Graphic Design)	3 hours

Digital Imaging Concentration (12 hours)

ART 3323	Photography II	3 hours
ART 4303	Photography Senior Project	3 hours
ART 4313	Photography Portfolio	3 hours
ART 4963	Practicum (related to Digital Imaging) *or*	
ART 4983	Internship (related to Digital Imaging)	3 hours

General Electives ..... **6 hours**

Total hours (with one required concentration) ..... **128 hours**
Total hours (with two concentrations and no General Electives) ..... **134 hours**

Art Education Major - B.S. Degree
(Certification K-12)

This degree leads to art certification for public school teaching in grades K-12. Enrollment in upper level education courses by all students seeking State Teacher Certification is limited to those students who have a cumulative GPA of 2.75, a GPA of 3.0 in art coursework, a GPA of 3.0 in professional education coursework, passed all state required assessments, completed their file in the Office of Teacher Education, and been approved by faculty in the Department of Art and the Department of Education. A person fulfilling degree requirements may be eligible to graduate with or without teacher certification. (Please see Department of Education – Bachelor of Science Degree Certification in Content Areas, Grades 9-12, K-12.)

General Education Courses ..... **42 hours**
ART/FAR 1013 Introduction to Art (required for Art Education major and also counts for Gen. Ed.)
Graduation Requirements ..... **10 hours**
Art Core Courses ..... **46 hours**
ART 1103 Design ..... 3 hours
ART 1203 Drawing I ..... 3 hours
ART 2003 Photography I ..... 3 hours
ART 2013 Ceramics I ..... 3 hours
ART 2023 Sculpture I ..... 3 hours
ART 2033 Painting I ..... 3 hours
ART 2203 Drawing II ..... 3 hours
ART 2703 Introduction to Graphic Design ..... 3 hours
ART 2803 Art History I ..... 3 hours
ART 2813 Art History II ..... 3 hours
ART 3033 Painting II ..... 3 hours
ART 3103 Printmaking ..... 3 hours
ART 3813 Fibers ..... 3 hours
ART Electives (best if upper-level) ..... 6 hours
ART 4001 Senior Seminar (capstone/senior show) ..... 1 hour
Professional Education Coursework ..... **40 hours**
See Education Certification Worksheet for Art Grades K-12 for specific EDU requirements

Total hours ..... **138 hours**

General Art Minor (18 hours)

ART/FAR 1013 Introduction to Art (also counts for Gen. Ed.) *or*
ART 2803 Art History I ..... 3 hours
ART 1103 Design ..... 3 hours
ART 1203 Drawing I ..... 3 hours
One Studio Track (selected from the following) ..... **9 hours**
Drawing Track:
ART 2203 Drawing II ..... 3 hours
ART 3003 Life Drawing ..... 3 hours
ART 3203 Advanced Drawing Studio I *or*
ART 3103 Printmaking ..... 3 hours
Photography Track:
ART 2003 Photography I ..... 3 hours
ART 3323 Photography II ..... 3 hours
ART 3723 Digital Imaging Concepts *or*
ART 3103 Printmaking ..... 3 hours
Ceramics Track:
ART 2013 Ceramics I ..... 3 hours

ART 3013 Ceramics II ..... 3 hours
ART 3403 Advanced Ceramic Studio I *or*
ART 3813 Fibers ..... 3 hours
Sculpture Track:
ART 2023 Sculpture I ..... 3 hours
ART 3023 Sculpture II ..... 3 hours
ART 3503 Advanced Sculpture Studio I *or*
ART 3813 Fibers ..... 3 hours
Painting Track:
ART 2033 Painting I ..... 3 hours
ART 3033 Painting II ..... 3 hours
ART 3603 Advanced Painting Studio I *or*
ART 3813 Fibers *or*
ART 3103 Printmaking ..... 3 hours
Graphic Design Track:
ART 2703 Introduction to Graphic Design ..... 3 hours
ART 3043 Graphic Design Production ..... 3 hours
ART 3703 Graphic Design Concepts *or*
ART 3103 Printmaking ..... 3 hours

BOB R. DERRYBERRY SCHOOL OF COMMUNICATION ARTS

Chair: David C. Bailey
Office: Jester Learning and Performance Center 238 –
(417) 328-1699
Faculty: Jordan Compton, Jonathan Wehmeyer, Bethany Wood
Faculty Associates: Tamara Heitz-Peek, Gayla Prewitt, Cris Swaters

Mission Statement

The Bob R. Derryberry School of Communication Arts exists to help students discover and maximize their God-given voices through rigorous study, engaging performances, and the thoughtful application of the dynamic arts of human communication.

Students seeking a degree in Communication Arts must complete one of the following major programs:

Communication Major- B.A. Degree

General Education Courses ..... **42 hours**
Graduation Requirements ..... **16-18 hours**
Required Communication Courses (40 hours)
COM 1013 Media and Society ..... 3 hours
COM 2223 Argumentation and Debate ..... 3 hours
COM 2393 Interpersonal Communication ..... 3 hours
(Students using COM 2393 to fulfill the University's General Education requirement for Communication Studies must either take three additional credits of Communication Internship COM 4983 or take three additional hours of approved Communication Electives.)
COM 3003 Communication Theory ..... 3 hours
COM 3013 Rhetorical Theory and Criticism ..... 3 hours
COM 3043 Communication Research Methods ..... 3 hours
COM/THR 3303 Oral Interpretation or COM 3313 Advanced Public Speaking ..... 3 hours
COM 3283 Persuasion ..... 3 hours

COM 3353	Organizational Communication	3 hours
COM 3363	American Public Address	3 hours
COM 4311	Senior Capstone	1 hour
COM 4983	Communication Internship	3 hours
Communication Electives (selected with department approval)		6 hours

(ENG 3353 Advanced Composition may be counted toward the major and is strongly recommended.)

Journalism/Mass Communication - B.A. Degree

General Education Courses ..... **42 hours**
Graduation Requirements ..... **16-18 hours**
Required Courses (40 hours)

COM 1013	Media and Society	3 hours
COM 2043	Television Production I	3 hours
COM 2223	Argumentation and Debate	3 hours
COM 3003	Communication Theory or COM 3303 Oral Interpretation of Literature	3 hours
COM 3013	Rhetorical Theory & Criticism or COM 3313 Advanced Public Speaking	3 hours
COM 3053	Television Production II	3 hours
COM 3361	Student Media Practicum (1 hour of credit; completed 2 times)	2 hours
COM 3343	Multi-Media Productions for Nonprofit Organizations *or*	
COM 4433	Interviewing	3 hours
COM 3373	Newspaper Writing and Editing or	
COM 4433	Interviewing	3 hours
COM 3873	History and Contemporary Issues in Journalism *or*	
THR 2043	Introduction to Film	3 hours
COM 3973	Journalism Law and Ethics	3 hours
COM 4283	Communication and Social Media	3 hours
COM 4311	Senior Capstone	1 hour
COM 498(1-4)	Internship in Journalism/Mass Communication	4 hours

Organizational and Strategic Communication - B.A. Degree

General Education Courses ..... **42 hours**
Graduation Requirements ..... **16-18 hours**
Required Courses (46 hours)

COM 1013	Media and Society	3 hours
COM 2223	Argumentation and Debate	3 hours
	(COM 2223 must be completed before formal admission to the major.)	
COM 2233	Introduction to Public Relations	3 hours
COM 3163	Nonprofit Public Relations	3 hours
COM 3263	Public Relations and Crisis Management	3 hours
COM 3313	Advanced Public Speaking	3 hours
COM 3343	Multi-Media Productions for Nonprofit Organizations *or*	
COM 2043	Television Production I	3 hours
COM 3353	Organizational Communication	3 hours
COM 4433	Interviewing	3 hours
COM 4283	Communication and Social Media	3 hours
COM 4311	Senior Capstone	1 hour
COM 4983	Internship in Public Relations	6 hours
ART 1103	Design	3 hours
ART 2703	Introduction to Graphic Design *or* ART 2003 Photography I	3 hours
MKT 3023	Principles of Marketing *or* MKT 3083 Advertising	3 hours

Theatre Major - B.A. Degree

The Theatre Major is designed to give the theatre student a broad foundation in theatre arts. Note: Introduction to Theatre (FAR/THR 1033) is a prerequisite course for a number of upper-level theatre courses. Introduction to Theatre also meets the requirements for the humanities portion of the General Education curriculum and, thus, will be counted towards those hours.

General Education Courses ..... **42 hours**
FAR/THR 1033 Introduction to Theatre should be taken to meet the humanities requirement.
Graduation Requirements ..... **16-18 hours**
Required Theatre Courses ..... **40 hours**
Workshop Hours ..... 2 hours
Two hours from:
THR (1-4)001 Theatre Performance Workshop
THR (1-4)011 Theatre Production Workshop
THR (1-4)041 Opera Theatre
Theatre History and Literature ..... 9 hours
THR 2013 Script Analysis
THR 4203 History and Literature of the Theatre I
THR 4213 History and Literature of the Theatre II
Acting and Directing ..... 9 hours
THR 1023 Acting I
THR 3033 Acting II
THR 4023 Directing of Plays
Theatre Design, Production, and Technology ..... 10 hours
THR 1053 Stagecraft
THR 2031 Makeup
Two of the following design courses:
THR 3053 Scene Design
THR 3063 Costume Design
THR 4003 Lighting & Sound Design
Management ..... 3 hours
THR 3013 Stage Management or THR 4013 Theatre Management
Approved electives from the following: ..... 6 hours
Any THR course not meeting another requirement
THR/ENG 4413 Shakespeare
COM 3303 Oral Interpretation of Literature
Senior Capstone ..... 1 hour
THR 4311 Senior Capstone

Communication Major- B.S. Degree

The same requirements as those for the B.A. except that no courses in foreign language are required. In lieu of the foreign language requirement, students must either meet the requirements of a second major or take 9 hours of additional approved communication electives.

Journalism/Mass Communication Major - B.S. Degree

The same requirements as those for the B.A. except that no courses in foreign language are required. In lieu of the foreign language requirement, students must either meet the requirements of a second major or take 9 hours of additional approved communication electives.

Organizational and Strategic Communication Major - B.S. Degree

The same requirements as those for the B.A. except that no courses in foreign language are required. In lieu of the foreign language requirement, students must either meet the requirements of a second major or take 9 hours of additional approved communication electives.

Speech Communication and Theatre Education – B.S. Degree

This degree leads to speech communication and theatre certification for public school teaching in grades 9-12. Enrollment in upper level education courses by all students seeking State Teacher Certification is limited to those students who have a cumulative GPA of 2.75, a GPA of 3.0 in speech and theatre coursework, a GPA of 3.0 in professional education coursework, passed all state required assessments, completed their file in the Office of Teacher Education, and been approved by faculty in the School of Communication Arts and the Department of Education. A person fulfilling degree requirements may be eligible to graduate with or without teacher certification. (Please see Department of Education – Bachelor of Science Degree Certification in content Areas, Grades 9-12, K-12.) Students must complete 38 hours of coursework in the Derryberry School as follows:

COM 1103 Fundamentals of Speech Communication .....3 hours
COM 2223 Argumentation and Debate .....3 hours
COM 3303 Oral Interpretation of Literature .....3 hours
COM 3313 Advanced Public Speaking .....3 hours
COM 3351 Intercollegiate Forensics .....2 hours
THR 1001 Theatre Performance Workshop ..... 1 hour
THR 1011 Theatre Production Workshop. ..... 1 hour
THR 1023 Acting I .....3 hours
THR 1033 Introduction to Theatre .....3 hours
THR 1053 Stagecraft .....3 hours
THR 4023 Directing of Plays. .....3 hours
Electives in Communication or Theatre. .....6 hours

Professional Education Coursework .....**45 hours**

See Education Certification Worksheet for Speech Communication and Theatre Grades K-12 for specific EDU requirements.

Communication Minor (18 hours)

COM 1103 Fundamentals of Speech Communication.....3 hours
COM 2223 Argumentation and Debate *or*
COM 3313 Advanced Public Speaking .....3 hours
COM 2393 Interpersonal Communication *or*
COM 3383 Small Group Communication .....3 hours
Communication Electives.....9 hours

Theatre Minor (18 hours)

THR 1023 Acting I *or*
THR 3033 Acting II *or*
THR 3303 Oral Interpretation of Literature.....3 hours
THR 1033 Introduction to Theatre .....3 hours
THR 1053 Stagecraft *or*
THR 3053 Scene Design .....3 hours
THR 4023 Directing of Plays *or*
THR 4013 Theatre Management .....3 hours
Electives in Theatre .....6 hours

Musical Theatre Minor for Theatre Majors only (21 hours)

MUS 1611	Sightsinging and Eartraining I	1 hour
MUS 1613	Music Theory I	3 hours
MUS 1621	Sightsinging and Eartraining II	1 hour
MUS 1623	Music Theory II	3 hours
MUS 2631	Sightsinging for the Stage	1 hour
MUS 2703	Basic Conducting	2 hours
MUS 3863	Music Industry I	3 hours
4 hours of Applied Voice		4 hours
3 hours of choral ensembles (SBU Chorale or Concert Choir)		3 hours

Musical Theatre Minor for Music Majors only (21 hours)

THR 1023	Acting I	3 hours
THR 1053	Stagecraft	3 hours
THR 2013	Script Analysis	3 hours
THR 2031	Makeup	1 hour
MUS 2631	Sightsinging for the Stage	1 hour
THR 3033	Acting II	3 hours
THR 3013	Stage Management or THR 4013 Theatre Management	3 hours
MUS 3863	Music Industry I	3 hours
1 hour from THR (1-4)001		1 hour

Speech Communication and Theatre Minor (18 hours)

(This program does not meet teaching certification requirements.)

COM 1103	Fundamentals of Speech Communication	3 hours
COM 2223	Argumentation and Debate *or*	
COM 3313	Advanced Public Speaking	3 hours
COM 3303	Oral Interpretation of Literature	3 hours
THR 1023	Acting I *or*	
THR 3033	Acting II	3 hours
THR 1033	Introduction to Theatre	3 hours
Electives in Theatre		3 hours

DEPARTMENT OF LANGUAGE AND LITERATURE

Department Chair: Holly Hill-Stanford
Office: Jester Learning and Performance Center 222 - (417) 328-1682
Faculty: Carla Kirchner, Todd Sukany
Faculty Associates: Laurel Becker, Sherry Shoemaker, Meiling Siegfried

Mission Statement

The Department of Language and Literature creates a Christian atmosphere in which students are taught to write effectively, comprehend the nature of language, understand literary traditions, think critically about literature and language, and foster an awareness of humankind.

Vision Statement

The Department of Language and Literature accomplishes its mission by

- encouraging students to integrate their academic pursuits and Christian faith;
- helping students to develop skills in written communication;
- teaching students to understand the nature of the English language;
- teaching students to read, analyze, and evaluate literary expressions; and
- helping students to understand literature as an expression of humankind.

The Department of Language and Literature offers courses in both English and modern languages.

In addition to offering foreign language courses on the Bolivar campus, Southwest Baptist University offers a wide selection of foreign language courses through the Foreign Language Institute in Springfield, Missouri. Those interested in such courses should speak with the chairperson of the Department of Language and Literature.

To evaluate its programs and the academic achievement of its students, the Department of Language and Literature requires all graduating English, writing and Spanish majors to participate in prescribed departmental methods of assessment.

English

The study of the English language and literature is directed toward helping students acquire skills in writing effectively and in reading and evaluating literature. The variety of courses offered suggests both the need students have for communicating their ideas clearly and the need they have for creating and responding to the aesthetic.

English Major - B.A. Degree

General Education Courses ..... **42 hours**
Graduation Requirements ..... **16-18 hours**

Required English Courses (30 hours)

Writing Course: ..... 3 hours
- ENG/WRT 3353 Advanced Composition

American literature courses from: ..... 6 hours
- ENG 3313 American Literature I
- ENG 3323 American Literature II
- ENG 4033 Focused Readings in American Literature

English courses from: ..... 9 hours
(One course must be taken from each grouping, the third course may come from either grouping)
- ENG 3233 Medieval and Renaissance English Literature *or*
- ENG 3243 17th and 18th-Century English Literature *or*
- ENG/THR 4413 Shakespeare

- ENG 3333 The Romantic Period *or*
- ENG 3343 The Victorian Period *or*
- ENG 4023 Contemporary British Literature

Linguistic course from: ..... 3 hours
- ENG 3363 History of the English Language *or*
- ENG 3373 Structure of the English Language

World Literature ..... 3 hours
- ENG 2313 World Literature

English electives ..... 6 hours
(These English electives may not count toward courses taken for an English or a Writing minor.)

English Major - B.S. (Education) Degree

Same requirements as those for the B.A. degree except no courses in foreign language are required. In lieu of the foreign language courses, students must take the courses needed to meet the requirements of the Missouri Department of Education for certification of secondary school teachers. Enrollment in upper level education courses by all students seeking State Teacher Certification is limited to those students who have a cumulative GPA of 2.75, a GPA of 3.0 in English coursework, a GPA of 3.0 in professional education coursework, passed all state required assessments, completed their file in the Office of Teacher Education, and been approved by faculty in the Department of Language and Literature and the Department of Education. A person fulfilling degree requirements may be eligible to graduate with or without teacher certification. (Please see Department of Education - Bachelor of Science Degree Certification in Content Areas, Grades 9-12, K-12.) Courses required for English certification are as follows:

General Education Courses ..... **42 hours**
Graduation Requirements ..... **10 hours**
Required English Courses (33 hours)
ENG/WRT 3353 Advanced Composition ..... 3 hours
ENG/EDU 4543 Methods of Teaching Writing in the Secondary School
(also counted as professional education.) ..... 3 hours
ENG/EDU 3303 American Literature for the Young Adult Reader ..... 3 hours
American Literature courses from: ..... 6 hours
ENG 3313 American Literature I
ENG 3323 American Literature II
ENG 4033 Focused Readings in American Literature
English Literature courses from: ..... 9 hours
(One course must be taken from each grouping, the third course may come from either grouping)
ENG 3233 Medieval *and* Renaissance English Lit. *or*
ENG 3243 17th and 18th-Century English Lit. *or*
ENG/THR 4413 Shakespeare

ENG 3333 The Romantic Period *or*
ENG 3343 The Victorian Period *or*
ENG 4023 Contemporary British Literature
World Literature ..... 3 hours
ENG 2313 World Literature
Linguistic courses from: ..... 6 hours
ENG 3363 History of the English Language
ENG 3373 Structure of the English Language
Professional Education Coursework ..... **41 hours**
(see B.S. Degree Certification in Content Areas, Grades 9-12, K-12)

Writing Major - B.A. Degree

General Education Courses ..... **42 hours**
Graduation Requirements ..... **16-18 hours**
Required Courses for the Writing Major (36 hours)
Academic/Nonfiction Writing ..... 3 hours
ENG/WRT 3353 Advanced Composition
Creative Writing courses from: ..... 6 hours
WRT/ENG 3013 Writing Poetry
WRT/ENG 3023 Writing Creative Nonfiction
WRT/ENG 3033 Writing Creatively for Young Adults
WRT/ENG 4013 Writing Short Fiction
WRT/THR 4053 The Art and Craft of Playwriting
Practical Writing ..... 6 hours
WRT/ENG 4003 Technical Writing

One course from:
BUS 2013 Business Communications
COM 3373 Newspaper Writing and Editing
MKT 3083 Advertising

Literary Study .....15 hours
Two courses in American literature from:
ENG 3313 American Literature I
ENG 3323 American Literature II
ENG 4033 Focused Readings in American Literature
Two courses in British literature from:
ENG 3233 Medieval and Renaissance
ENG 3243 17th and 18th Century
ENG 3333 Romantic Period
ENG 3343 Victorian Period
ENG 4023 Contemporary British Literature
ENG/THR 4413 Shakespeare
One course in World Literature
ENG 2313 World Literature

Language Study .....3 hours
ENG 3373 Structure of the English Language

Writing Elective .....3 hours
One course from those not taken to meet the requirement in Creative or Practical Writing

Students may not double major in writing and in English, but they may complete a major in one and a minor in the other. Courses required for a major in writing may not be counted toward courses required for a minor in English. For example, students who complete Advanced Composition for the major in writing must take for the English minor an alternate writing course from either the Creative or Practical Writing courses listed under the major in writing.

English Minor

Eighteen hours above the courses completed to meet the general education requirement in composition, including the following:

Required courses
ENG/WRT 3353 Advanced Composition .....3 hours
British Literature .....3 hours
American Literature.....3 hours
ENG 3363 History of the English Language *or*
ENG 3373 Structure of the English Language.....3 hours

Writing Minor

Eighteen hours above the courses completed to meet the general education requirement in composition, including the following:

Academic/Nonfiction Writing.....3 hours
WRT/ENG 3353 Advanced Composition
In the place of Advanced Composition, English majors must substitute another writing course taken from either Creative Writing or Practical Writing. However, this course must be in addition to the fulfillment of the requirement in Creative Writing and Practical Writing. These electives in Creative and Practical Writing appear in the description of the major in writing.

Creative Writing .....3 hours
One course from:
WRT/ENG 3013 Writing Poetry
WRT/ENG 3023 Writing Creative Nonfiction
WRT/ENG 3033 Writing Creatively for Young Adults
WRT/ENG 4013 Writing Short Fiction

WRT/THR 4053 The Art and Craft of Playwriting

Practical Writing ..... 3 hours
WRT/ENG 4003 Technical Writing

Literary Study ..... 6 hours
One course (3 hours) in American literature from:
ENG 3313 American Literature I
ENG 3323 American Literature II
ENG 4033 Focused Readings in American Literature
English majors must fulfill this requirement in American literature with a course not taken to fulfill the American literature requirement for the major.
One course (3 hours) in British literature from:
ENG 3233 Medieval and Renaissance
ENG 3243 17th and 18th Century
ENG 3333 Romantic Period
ENG 3343 Victorian Period
ENG 4023 Contemporary British Literature
ENG/THR 4413 Shakespeare
English majors must fulfill this requirement in British literature with a course not taken to fulfill the British literature requirement for the major.

Language Study ..... 3 hours
ENG 3373 Structure of the English Language
English majors must complete both Structure of the English Language (ENG 3373) *and* History of the English Language (ENG 3363).

Note: Students may complete a double minor in Writing and English. However, courses used to complete requirements in one minor may not be used to complete requirements in the other minor.

English as a Second Language (ESL) Minor

The ESL minor requires 21-23 hours and is for those who plan to teach English in international settings. This minor is not the certification required by the State of Missouri's Department of Elementary and Secondary Education to teach ESL in public schools. The English B.S. degree cannot be combined with the ESL minor.

ESL/ENG 3003 ESL: Methods ..... 3 hours
ESL/ENG 3373 Structure of the English Language ..... 3 hours
ESL/ENG 4043 ESL: Design and Assessment ..... 3 hours
ESL/ENG 4053 ESL: Practicum for ESL Teachers ..... 3 hours

Select one course from the following:* ..... 3 hours
COM 3303 Oral Interpretation of Literature
ESL/ENG/EDU 3303 American Literature for Young Adults
ESL/ENG 3363 History of the English Language
*Students who have taken one of the courses from this group as a requirement for a program other than the ESL minor must select an alternate course from this group.

A non-English language* ..... 6-8 hours
*The language requirement will be waived for B.A. students who have completed the general education foreign language requirement. ICS students completing the semester abroad will meet the language requirement by taking ICS 2118 Barefoot Language Learning.

Modern Languages

The study of modern languages is directed toward helping students converse, compose and read in modern languages, as well as understand the people, their literature, and their culture.

Spanish Major - B.A. Degree

General Education Courses ..... **42 hours**
Graduation Requirements ..... **16-18 hours**
Spanish Courses including: ..... **36 hours**
SPA 1114 Elementary Spanish I
SPA 1124 Elementary Spanish II
General Electives or Second Major ..... **30-33 hours**

It is highly recommended that students spend at least six weeks in a country where Spanish is the official language.

Spanish Education Major - B.A. Degree (Certification K-12)

Enrollment in upper level education courses by all students seeking State Teacher Certification is limited to those students who have a cumulative GPA of 2.75, a GPA of 3.0 in Spanish coursework, a GPA of 3.0 in professional education coursework, passed all state required assessments, completed their file in the Office of Teacher Education, and been approved by faculty in the Department of Language and Literature and the Department of Education. A person fulfilling degree requirements may be eligible to graduate with or without teacher certification. (Please see Department of Education - Bachelor of Science Degree Certification in Content Areas, Grades 9-12, K-12.) Courses required for Spanish certification are as follows:

General Education Courses ..... **42 hours**
Graduation Requirements (foreign language requirement met through major) ..... **10 hours**
Spanish Courses ..... **30 hours**

SPA 1114 Elementary Spanish I
SPA 1124 Elementary Spanish II
SPA 2213 Intermediate Spanish I
SPA 2223 Intermediate Spanish II
SPA 3313 Advanced Spanish Composition and Conversation
SPA 3323 Hispanic Culture and Civilization
SPA 3333 Survey of Early Spanish Literature
SPA 3343 Survey of Later Spanish Literature
Upper level electives (4 hours)

Professional Education Coursework ..... **41 hours**
See Education Certification Worksheet for Spanish K-12 for specific EDU requirements.

Spanish Minor (20 hours)

SPA 1114 Elementary Spanish I ..... 4 hours
SPA 1124 Elementary Spanish II ..... 4 hours
SPA 2213 Intermediate Spanish I ..... 3 hours
SPA 2223 Intermediate Spanish II ..... 3 hours
Electives from: ..... 6 hours
SPA 3313 Advanced Spanish Composition and Conversation
SPA 3323 Hispanic Culture and Civilization
SPA 3333 Survey of Early Spanish Literature
SPA 3343 Survey of Later Spanish Literature
SPA 495(1-4) Intensive Studies in Spanish
SPA 497(1-3) Symposia

DEPARTMENT OF MUSIC

Accredited Institutional Member of the National Association of Schools of Music

Office: Casebolt Music Center - (417) 328-1630

Faculty: Jane Munson-Berg, Andrew Campbell, Robert Carney, Brian Hopwood, Terri Knupps, Melinda Smashey Jones, Robin Smith, James Tarrant, Jeffery Waters, Renee Waters

Faculty Associates: Marc Baker, Regina Bruner, Michelle Draper, Carol Harrison, Eric Jackson, Andy Johnston, Angel McGlasson, R. Catherine McMannis, Melissa Roberts, J.T. Rollins, John Trew, Tim Wootten

Mission Statement

The Department of Music is a learning environment that inspires and leads its constituents to achieve excellence in performance, scholarship and appreciation.

Vision Statement

The Department of Music accomplishes its mission by:

- Encouraging the highest levels of artistic achievement in a variety of performance media;
- Recognizing the value of historical and cultural perspective and scholarship in the practice and appreciation of the musical art;
- Equipping students for the analysis and application of written and aural theoretical concepts as a means to a deeper understanding and interpretation of the musical craft;
- Developing educators with the foundations of philosophy and methodology necessary for promoting and sustaining comprehensive music curricula;
- Providing opportunities to explore foundational aspects of the music industry;
- Developing ministers with the foundations of philosophy and organization necessary to sustain comprehensive music ministry in service to the church;
- Providing sound advice and guidance to students regarding their curricular and career opportunities; and
- Valuing and modeling Christian integrity, excellence, community, and service for all of its constituents.

General Requirements

In addition to admission to the University, an applicant for a music degree program must be admitted to the Department of Music through the office of the chairman. All new students (freshmen and transfer students) pursuing a music degree are first admitted to the department as pre-music, pre-music education, or pre-church music majors. Upon a successful evaluation by the music faculty, normally at the conclusion of the student's second semester at SBU, these students may be formally admitted into a music degree program. In all departmental policies and procedures, the term “music major” is intended to include these pre-majors. Students must have completed, or be concurrently enrolled in MUS 2613 Theory III and MUS 2611 Sightsinging and Eartraining III in order to enroll in any upper-level music course except ensembles and applied music. Music courses taken prior to this formal admission are applicable to the completion of the music degree. All references to music majors in this catalog are applicable to pre-music, pre-music education, and pre-church music majors as well.

As an exit examination, music majors are required to take the Major Field Test in music at the scheduled time during their last two semesters of study.

Applied Music Placement Tests

All entering freshmen and transfer students must take a classification test in piano and in their primary applied area. The student is expected to present prepared music on his/her primary instrument or voice.

Theory Placement Tests

All entering pre-music, pre-music education, and pre-church music majors who are not transferring theory or sightsinging/eartraining course credits must take a music fundamentals examination in order to determine placement into the music theory sequence and/or to satisfy MUS 1601 Music Fundamentals Lab as a co-requisite course for MUS 1613 Theory I. All theory and sightsinging/eartraining courses taken at another school and transferred in for degree requirements must be tested at SBU for proficiency and/or placement. If all freshman and sophomore theory and sightsinging/eartraining courses have been completed at another school, a placement test is still required to determine readiness to continue in upper-level theory courses. No more than one theory course may be taken by OLIS, and only if taken as a repeated course.

Applied Music

The Department of Music offers three types of lessons: private applied music, secondary class and basic class. Private applied music is for all music majors and minors as well as intermediate to advanced non-majors. Secondary class is the required second applied area of performance, and is automatically piano if the primary applied area is not piano. Basic class is for non-music majors or minors with less than three years of previous study. Specific requirements in applied music are listed in the ***Music Handbook***. Applied music lessons are available in voice, piano, organ and all wind, percussion, and string instruments.

Private applied music may be taken for one credit (thirteen 30-minute lessons) or two credits (thirteen 60-minute lessons). Applied music may be taken for zero credit if it is not a degree requirement. Five hours of practice per week is required per credit hour of enrollment. Majors and minors (except general music minors) must perform once per semester in a student recital on their primary applied instrument. In addition to weekly lessons, music majors are required to participate in a minimum of three studio classes each semester.

Jury Examination

The final examination for private applied music courses will be conducted before a jury of faculty members which includes the student's instructor. Students will be responsible for all materials covered during the semester as well as fundamental techniques and knowledge pertinent to their performing medium. The faculty jury will evaluate student performance according to proficiency levels as described in the ***Music Handbook***. The ***Handbook*** also describes the expected rate of progression through the various levels required by each degree program. For non-music majors or music majors studying in an area outside of their primary and secondary applied areas, a jury examination is required only for scholarship recipients.

Secondary Requirement

The study in the secondary applied area is intended to establish functional skill on a practical level. Whenever possible a class approach is employed which allows the student two hours per week in directed study. Students with strong background in the secondary applied area may request private study. See ***Music Handbook*** for specific requirements.

Piano Proficiency Examinations

All music majors and minors (except general music minors) must pass a piano proficiency examination demonstrating functional piano skill. Scales, vocalises, sightreading, harmonization of given melodies, transposition, and repertoire are included in the exam. Students must continue to enroll in Secondary Class Piano each semester until this requirement is met. The tests are given at the end of each semester and are normally taken at the end of the sophomore year. Any student who passes the Piano Proficiency Examination prior to the completion of four semesters of piano study must continue enrollment in piano or organ until the completion of 4 credits.

Piano proficiency examinations for keyboard majors will be held during juries at the end of each semester. See the ***Music Handbook*** for specific requirements.

Recital Requirements
The following are minimum recital requirements:

B.M. and B.S. Degrees	Piano Pedagogy Certificate
Half Recital - Level IV	Half Recital - Level V
Performer's Certificate	Minor in Piano Pedagogy
Half Recital - Level V	Half Recital - Level IV
Full Recital - Level VI	

Music majors are required to receive a passing grade for MUS 0100 Recital Attendance for 6 semesters. This course is graded on a pass/fail system, and requires the student to attend departmental recitals and concerts and certain community music programs. These programs are listed in the Department of Music calendar and are posted each week on the Casebolt Music Center bulletin boards. Minimum attendance requirements for a passing grade will be posted on the bulletin boards at the beginning of each semester.

Keyboard as Primary Applied Area
Each student whose primary applied area is keyboard must be involved in the accompanying program each semester of enrollment with the exception of the student teaching and senior recital semesters. See the *Music Handbook* for specific information.

Ensemble Requirements
Each semester of enrollment as a music major, the student will audition for and perform in a major ensemble related to the student's primary applied area. Students with piano or guitar as the primary applied area will designate a choral ensemble or an instrumental ensemble as their major ensemble, based on experience and preference, or based upon the specific certification requirements for students pursuing the music education degree. The student must perform in the ensemble to which he/she is assigned. The major ensembles are Concert Choir, SBU Chorale, Wind Symphony, University Band, and Chamber Orchestra.

Music Handbook
Details on all Department of Music requirements are found in the ***Department of Music Handbook***. Music majors and minors are responsible for all information in this handbook, which may be obtained via link to the department's teamsite on the SBU portal.

Music Core Courses (27 hours)
The following courses represent the core curriculum for all music degrees.

Music Theory Courses ..... 16 hours
- MUS 1611 Sightsinging/Eartraining I
- MUS 16l3 Theory I
- MUS 1621 Sightsinging/Eartraining II
- MUS 1623 Theory II
- MUS 2611 Sightsinging/Eartraining III
- MUS 2613 Theory III
- MUS 2621 Sightsinging/Eartraining IV
- MUS 2623 Theory IV

Music Literature/History Courses ..... 9 hours
- MUS 1633 Survey of Music Literature (satisfies general education Humanities requirement)
- MUS 3653 History of Western Music I
- MUS 3663 History of Western Music II

MUS 2702 Basic Conducting ..... 2 hours
MUS 0100 Recital Attendance (6 semesters)
MFT 0400 Major Field Test (graduating seniors)

General Music Major - B.S. Degree

This degree offers the option of taking a significant number of non-music electives, or of combining the study of music with a second major or a minor.

General Education Courses ..... **39 hours**
Graduation Requirements ..... **10 hours**
Music Core Courses ..... **27 hours**
Required Music Courses (24 hours)
Primary Applied Area (eight semesters, Level IV) ..... 8 hours
Secondary Applied Area ..... 4 hours
Music Electives from: ..... 4 hours
MUS 2771 Vocal Diction I (required for primary applied vocal students)
MUS 2781 Vocal Diction II (required for primary applied vocal students)
MUS 2802 Piano Pedagogy
MUS 3602 Analysis of Music Structure
MUS 3622 Orchestration
MUS 3712 Choral Conducting
MUS 3722 Instrumental Conducting
MUS 3812 Vocal Pedagogy
MUS 4622 Choral Arranging and Composition
Major Ensemble (8 semesters) ..... 8 hours
Senior Recital
Minor, Second Major or Electives (at least 13 hours of non-music courses , including 3 hours in an art form other than music) ..... **30 hours**

General Music Major - B.A. Degree

This degree is designed for the student who wishes to pursue an avocational interest in music. No more than 40 hours of music may be counted toward the 128 hours required for graduation.

General Education Courses ..... 39 hours
Graduation Requirements ..... 16-18 hours
Music Core Courses ..... 27 hours
Applied Music ..... 7 hours, including piano proficiency, and Level III in any area
Major Ensemble ..... 6 semesters
Minor, Second Major or Electives ..... 32 hours

Music Education Major - B.M. Degree

This degree leads to instrumental or vocal certification for public school teaching in grades K-12. In pursuing a Music Education degree, one must have either instrumental certification or vocal certification. To teach an additional field the student may add the instrumental endorsement to the vocal certification, or the vocal endorsement to the instrumental certification. Enrollment in upper level education courses by all students seeking State Teacher Certification is limited to those students who have a cumulative GPA of 2.75, a GPA of 3.0 in Music coursework, a GPA of 3.0 in professional education coursework, passed all state required assessments, completed their file in the Office of Teacher Education, and been approved by faculty in the Department of Music and the Department of Education. A person fulfilling degree requirements may be eligible to graduate with or without teacher certification. (Please see Department of Education - Bachelor of Science Degree Certification in Content Areas, Grades 9-12, K-12.)

General Education Courses ..... **36 hours**
Graduation Requirements ..... **10 hours**
Music Core Courses ..... **27 hours**
Required Music Courses (13-14 hours)
Primary Applied Area (Level IV) (voice, instrument or keyboard) ..... 12 hours
Secondary Applied Area ..... 4 hours
(Piano with Piano Proficiency for students with voice or instrument as primary applied area)

(Voice or Instrument with Level III for students with piano as primary applied area)
MUS 1701 Introduction to Music Education ..... 1 hour
MUS 1151 Basic Class Guitar (or Guitar Proficiency Exam) ..... 1 hour
Senior Recital

Professional Education Coursework ..... **41 hours**
(see Department of Education – Bachelor of Science Degree certification in content Areas, Grades 9-12, K-12.)

Instrumental Certification Requirements (26 hours)

MUS 2721 String Fundamentals ..... 1 hour
MUS 2731 Woodwind Methods ..... 1 hour
MUS 2741 Brass Methods ..... 1 hour
MUS 2751 Percussion Methods ..... 1 hour
MUS 3622 Orchestration ..... 2 hours
MUS 3722 Instrumental Conducting ..... 2 hours
MUS 4732 Marching and Jazz Band Techniques ..... 2 hours
MUS 4742 Repertoire for Secondary Instrumental Music ..... 2 hours
EDU 3813 Elementary Music Education ..... 3 hours
EDU 4582 Methods of Teaching Instrumental Music in Middle/Secondary Schools .. 2 hours
Applied Voice, Concert Choir, *or* SBU Chorale ..... 2 hours
Wind Symphony, University Band, *or* Chamber Orchestra ..... 7 hours

Vocal Certification Requirements (25-27 hours)

MUS 2771 Vocal Diction I ..... 1 hour
MUS 2781 Vocal Diction II ..... 1 hour
MUS 3712 Choral Conducting ..... 2 hours
MUS 2711 Instrumental Fundamentals (not required with instrumental endorsement) .1 hour
MUS 2721 String Fundamentals ..... 1 hour
MUS 4622 Choral Arranging and Composition ..... 2 hours
MUS 4712 Choral Techniques ..... 2 hours
MUS 4722 Repertoire for Secondary Choral Music ..... 2 hours
EDU 3813 Elementary Music Education ..... 3 hours
EDU 4573 Methods of Teaching Vocal Music in the Middle and Secondary Schools 3 hours
Concert Choir or SBU Chorale (7 semesters) ..... 7 hours
(If piano is the primary applied area, 6 hours of voice with Level III are required as the secondary applied area.)

Instrumental Endorsement (19 hours)
(may be added to the Vocal Certificate)

MUS 2731 Woodwind Methods ..... 1 hour
MUS 2741 Brass Methods ..... 1 hour
MUS 2751 Percussion Methods ..... 1 hour
MUS 3622 Orchestration ..... 2 hours
MUS 3722 Instrumental Conducting ..... 2 hours
MUS 4732 Marching and Jazz Band Techniques ..... 2 hours
MUS 4742 Repertoire for Secondary Instrumental Music ..... 2 hours
EDU 4582 Methods of Teaching Instrumental Music in the Mid. and Sec. Schools ... 2 hours
Applied Instrument (Level III) ..... 4 hours
Wind Symphony, University Band, *or* Chamber Orchestra ..... 2 hours

Vocal Endorsement (19 hours)
(may be added to the Instrumental Certificate)

MUS 2771 Vocal Diction I ..... 1 hour
MUS 2781 Vocal Diction II ..... 1 hour
MUS 3712 Choral Conducting ..... 2 hours
MUS 4622 Choral Arranging and Composition ..... 2 hours
MUS 4712 Choral Techniques ..... 2 hours

MUS 4722 Repertoire for Secondary Choral Music .....2 hours
EDU 4573 Methods of Teaching Vocal Music in the Middle and Secondary Schools 3 hours
Applied Voice (Level III, including Applied Voice taken for Instrumental Certification) .....4 hours
Concert Choir *or* SBU Chorale (including choir taken for Instrumental Certification) .....2 hours

Church Music Major - B.M. Degree

This degree prepares students to serve in the ministry through music in churches and related areas.

General Education Courses .....**39 hours**
Graduation Requirements.....**10 hours**
Music Core Courses .....**27 hours**
Ministry Electives .....**7 hours**
From: Christian Ministries, Philosophy, Psychology, Christian Education, Theatre, Theology, or MUS 3923 Recording Techniques

General Music Courses (12 hours)
Methods Courses .....6 hours
Vocal Primary Applied:
MUS 2771 Vocal Diction I
MUS 2781 Vocal Diction II
MUS 3712 Choral Conducting
MUS 3812 Vocal Pedagogy
Keyboard Primary Applied:
MUS 2802 Piano Pedagogy
MUS 3672 Organ Literature and Design
MUS 3712 Choral Conducting
Instrumental Primary Applied:
MUS 2721 String Fundamentals
MUS 2731 Woodwind Methods
MUS 2741 Brass Methods
MUS 2751 Percussion Methods
MUS 3722 Instrumental Conducting
Theory Electives .....4 hours
MUS 3602 Analysis of Music Structure
MUS 3622 Orchestration
MUS 4622 Choral Arranging and Composition
Instrumental/Vocal Electives.....2 hours
Vocal and Keyboard Primary Applied from:
MUS 2711 Instrumental Fundamentals
MUS 2721 String Fundamentals
MUS 3722 Instrumental Conducting
Instrumental Primary Applied from:
Major Choral Ensemble (2 semesters)
Applied Voice (2 semesters)

Church Music Courses (16 hours)
MUS 1171 Introduction to Church Music Ministry and Worship Leadership ..... 1 hour
MUS 3732 Church Music Literature and Materials .....2 hours
MUS 3742 Church Music Education .....2 hours
MUS 3752 Instrumental Ministry in the Church.....2 hours
MUS 3783 Worship and Song in the Church .....3 hours
MUS 4101 Church Music Technology..... 1 hour
MUS 4743 Church Music Administration .....3 hours
MUS 4752 Supervised Field Experience in Church Music.....2 hours

Performance Requirements (26-27 hours)
Primary Applied Area (Level IV).....12 hours
Secondary Applied Area.....6 hours
Vocal Primary Applied take piano (4 hours) and piano, organ or instrument (2 hours)
Piano Primary Applied take organ (4 hours) and organ, voice or instrument (2 hours)

Organ Primary Applied take piano (4 hours) and piano, voice or instrument (2 hours)
Instrumental Primary Applied take piano (4 hours) and piano, voice or organ (2 hours)
Major Ensemble (8 semesters - appropriate to concentration) ..... 8 hours
MUS 1151 Basic Class Guitar *or* Guitar Proficiency Exam
Senior Recital

Music Major with Elective Studies in an Outside Field - B.M. Degree

This degree provides options for students interested in a curricular blend which includes a solid music core, a foundational study of the music industry, and a related field of study outside of music. Elective studies should be chosen carefully in order to ensure the minimum 40 hours of upper-level credit required for graduation.

General Education Courses ..... **39 hours**
Graduation Requirements ..... **10 hours**
Music Core Courses ..... **27 hours**
Required Music Courses (36 hours)
Primary Applied Area (eight semesters, Level IV) ..... 8 hours
Secondary Applied Area ..... 4 hours
Major Ensemble (8 semesters) ..... 8 hours
MUS 3853 Music Industry I ..... 3 hours
MUS 3863 Music Industry II ..... 3 hours
MUS 3923 Recording Techniques ..... 3 hours
MUS 4983 Internship ..... 3 hours
Senior Recital
Music Electives from: ..... 4 hours
MUS 2771 Vocal Diction I (required for primary applied vocal students)
MUS 2781 Vocal Diction II (required for primary applied vocal students)
MUS 2802 Piano Pedagogy
MUS 3602 Analysis of Music Structure
MUS 3622 Orchestration
MUS 3712 Choral Conducting
MUS 3722 Instrumental Conducting
MUS 3812 Vocal Pedagogy
MUS 4622 Choral Arranging and Composition
Elective Studies in an Outside Field ..... **minimum 18 hours**
Students must complete any non-music minor as specified in the *SBU Catalog.*

Performer's Certificate

This certificate is designed for the student majoring in music who demonstrates potential as a superior performer. It should be considered as preparation for graduate study or a performing career. Attainment of the certificate will be noted on the student's transcript. Requirements are:

1. Admission by written application, reaching of Level IV and approval of appropriate applied faculty at the end of the sophomore year or upon completion of 8 credit hours of applied concentration.
2. 14 hours in the primary applied area (including hours required for degree).
3. Half recital at Level V, full recital at Level VI.

Piano Pedagogy Certificate

This certificate is designed for the student majoring in music and provides specific preparation in private piano teaching. Attainment of the certificate will be noted on the student's transcript. Requirements are:

1. Admission by written application, reaching of Level III and approval of piano faculty.
2. 12 hours in piano (including hours required for degree).

3. Half recital at Level V.
4. MUS 2802 Piano Pedagogy
5. MUS 3802 Piano Literature
6. MUS 4701 Supervised Teaching in Piano

Church Music Minor (29 hours)

MUS 1151 Basic Class Guitar (or pass Guitar Proficiency Exam) ..... 1 hour
MUS 1611 Sightsinging/Eartraining I ..... 1 hour
MUS 1613 Theory I ..... 3 hours
MUS 1621 Sightsinging/Eartraining II ..... 1 hour
MUS 1623 Theory II ..... 3 hours
MUS 2702 Basic Conducting ..... 2 hours
Primary Applied Area, Level III ..... 5 hours
Secondary Applied Area ..... 3 hours
Secondary proficiency (all students take piano proficiency as either primary applied or secondary)
Major Ensemble (4 semesters) ..... 4 hours
MUS 4101 Church Music Technology ..... 1 hour
MUS 4743 Church Music Administration ..... 3 hours

Church Music Electives from the following: ..... 2 hours
MUS 3732 Church Music Literature and Materials
MUS 3742 Church Music Education
MUS 3752 Instrumental Ministry in the Church
MUS 3783 Worship and Song in the Church

Piano Pedagogy Minor (27 hours)

MUS 1611 Sightsinging/Eartraining I ..... 1 hour
MUS 1613 Theory I ..... 3 hours
MUS 1621 Sightsinging/Eartraining II ..... 1 hour
MUS 1623 Theory II ..... 3 hours
MUS 1633 Survey of Music Literature ..... 3 hours
MUS 2802 Piano Pedagogy ..... 2 hours
MUS 3802 Piano Literature ..... 2 hours
Applied Piano (Level IV) ..... 7 hours
Piano Proficiency
Major Ensemble (4 semesters) ..... 4 hours
MUS 4701 Supervised Teaching ..... 1 hour
Half Recital

General Music Minor (21 hours)

MUS 1611 Sightsinging/Eartraining I ..... 1 hour
MUS 1613 Theory I ..... 3 hours
MUS 1621 Sightsinging/Eartraining II ..... 1 hour
MUS 1623 Theory II ..... 3 hours
MUS 1633 Survey of Music Literature ..... 3 hours
Applied Music ..... 4 hours
Major Ensemble (4 semesters) ..... 4 hours
Music Electives ..... 2 hours

Musical Theatre Minor for Music Majors only (21 hours)

THR 1023 Acting I ..... 3 hours
THR 1053 Stagecraft ..... 3 hours
THR 2013 Script Analysis ..... 3 hours

THR 2031 Makeup ..... 1 hour
MUS 2631 Sightsinging for the Stage ..... 1 hour
THR 3033 Acting II ..... 3 hours
THR 3013 Stage Management or THR 4013 Theatre Management ..... 3 hours
MUS 3863 Music Industry I ..... 3 hours
1 hour from THR (1-4)001 ..... 1 hour

Musical Theatre Minor for Theatre Majors only (21 hours)

MUS 1611 Sightsinging and Eartraining I ..... 1 hour
MUS 1613 Music Theory I ..... 3 hours
MUS 1621 Sightsinging and Eartraining II ..... 1 hour
MUS 1623 Music Theory II ..... 3 hours
MUS 2631 Sightsinging for the Stage ..... 1 hour
MUS 2703 Basic Conducting ..... 2 hours
MUS 3863 Music Industry I ..... 3 hours
4 hours of Applied Voice ..... 4 hours
3 hours of choral ensembles (SBU Chorale or Concert Choir) ..... 3 hours

College of Science And Mathematics

Perry A. Tompkins, Dean
Office: Wheeler 100-B - (417) 328-1659
http://www.sbuniv.edu/academics/colleges/cosm.php

Departments Within The College

Athletic Training
Biology
Chemistry and Physics
Mathematics
Physical Therapy
Darrell R. Strait Center for the Integration of Science and Christian Faith

Mission Statement

The SBU College of Science and Mathematics pursues excellence and offers quality instruction from a Christian perspective to broaden non-majors scientific awareness and to prepare majors for career success or further study in their chosen field.

Vision Statement

The SBU College of Science and Mathematics pursues excellence by:

- serving our diverse population of undergraduate majors and non-majors as well as graduate majors in broadening their scientific knowledge and integrating Christian faith with scientific disciplines;
- preparing students for continued scholarship and positions of leadership from a Christian perspective in occupations that are impacted directly by our college;
- providing leadership in the uses of *technology* to enhance teaching and research and in communicating technology's role to our students, the university community, and society; and
- promoting scholarship of the faculty by encouraging pursuit of advanced degrees, continuing professional development, research, and professional presentations and publications.

The College of Science and Mathematics provides courses and programs designed to prepare students for careers and/or graduate study in Athletic Training, Biology, Chemistry, Mathematics, Physical Therapy, and the health professions. Course work for Pre-Medicine, Pre-Dentistry, Pre-Optometry, Pre-Veterinary, Pre-Pharmacy, Pre-Physician Assistant, Pre-Engineering and Medical Technology is offered.

DEPARTMENT OF ATHLETIC TRAINING

Department Chair, Program Director, CIE: TJ John
Office: Meyer Sports Center Athletic Training Laboratory - (417) 328-1792
Faculty: Jason Halverson, Clinical Coordinator
Clinical Instructors: Kristen Davern, Morgan Simpson, Mike Wolhoy

Mission Statement

The Athletic Training Education Program at Southwest Baptist University is a Christ-centered academic unit providing quality didactic and relevant clinical experiences preparing entry level athletic training students to be skilled, dedicated, caring, and ethical allied health professionals.

SBU-ATP Goals (est. 10.18.00)

Upon successful completion of the Southwest Baptist University Athletic Training Education Program (SBU-ATP), graduates will be able to:

- Athletic Training Majors: Sit for, and pass on their 1st attempt the Board of Certification exam.
- Sit for, and pass the any of the National Academy of Sports Medicine credentials; Corrective Exercise Specialist (CES), Performance Enhancement Specialist (PES) and Fitness Nutrition Specialist (FNS).
- Sit for, and pass the National Strength and Conditioning Association's Certified Strength and Conditioning Specialist credential.
- Successfully matriculate to post-graduate allied health professional programs in athletic training, physical therapy, occupational therapy, physician assistant, chiropractic and medical school.
- Serve the community and the profession in an ethical and responsible manner, and
- Pursue lifelong learning through appropriate continuing and post professional education.

Program History and Accreditation Status

The athletic training program at Southwest Baptist University prepares students for careers in the medical and rehabilitative sciences through the development of knowledge and skills needed for post-graduate programs. Students from the program have successfully obtained post-graduate credentials in athletic training, strength and conditioning, physical therapy, occupational therapy, physician assistant, chiropractic and medical schools. The athletic training program is CAATE (Commission on Accreditation of Athletic Training Education) accredited. Questions or concerns regarding accreditation of Athletic Training Education programs should be directed to Commission on Accreditation of Athletic Training Education, 2201 Double Creek Drive, Suite 5006, Round Rock, Texas 78664, phone 512-733-9700/ Fax 513-733-9701/ Email: caate@scglobal.net / Website: http://caate.net.

Description of Program

The baccalaureate degree in Athletic Training or Sports Medicine requires a minimum of 126 semester hours of credit earned by completion of the University general education and graduation requirements, the Athletic Training major requirements and required support courses.

The athletic training program at Southwest Baptist University is a professional allied health program in which students submit an application the spring of their freshman year for entry into the professional phase of the program beginning in the fall of their sophomore year. Admission will follow the procedure outlined in this section of the course catalog. Once admitted to the professional phase, it is expected that students will achieve and adhere to appropriate standards for successful matriculation, policies and procedures and maintain requirements for the clinical education of the student. To be a safe, competent, and properly credentialed athletic trainer, the student must demonstrate expertise in the following content areas of the *5th Edition of the NATA Athletic Training Educational Competencies*: (1) Evidence-Based Practice; (2) Prevention and Health Promotion; (3) Clinical Examination and Diagnosis; (4) Acute Care of Injury and Illness; (5) Therapeutic Interventions: (6) Psychosocial Strategies and Referral; (7) Healthcare Administration; and (8) Professional Development and Responsibilities.

Clinical Practicum Courses: As part of the baccalaureate degree in Athletic Training, students are required to actively participate and successfully complete a minimum of four different clinical practicum courses and two field experience courses in a sports medicine or Athletic Training setting. These practicum courses are completed during the normal academic semesters. These courses are part of the professional phase and require the student to commit a minimum of 180 hours per semester of clinical education experience. **Clinical education hours are a program requirement. Students are to successfully complete 6 of the non-credit hour clinical requirement courses.** The student will be given an individual education plan based on post-professional interest.

Assessment

Periodic measurements of the student's perceptions, intellectual growth, clinical performance, and professional behaviors are obtained as one means for the University to assess and improve its academic programs and student learning. The information obtained is used to measure the competencies and proficiencies and to determine and improve the quality of the educational experience for students. Students must obtain a minimum grade of "B" in all major and support requirement courses to earn a Bachelor of Science in Athletic Training. Students not earning a "B" or better in all major and support course requirements will earn a Bachelor of Science in Sports Medicine. Students who either choose this degree or fail to earn the requirements of the Bachelor of Science in Athletic Training will not be eligible to sit for the Board of Certification examination. An overall grade point average of 2.5 is required in all Athletic Training and support course work towards the Bachelor of Science in Sports Medicine.

Admission

Application Time Lines

All application materials must be received by March 1 in order to be considered for fall entry of the next academic year. Candidates will be notified of their admission status to the professional phase of the program on or before April 1. If you have not heard from the Department of Athletic Training the first week in March, please contact our office immediately.

Appointments

The number of appointments to the program at SBU will vary from year to year depending on space availability and appropriate supervisory capacity according to accreditation standards.

Disclaimers and Waivers

Selection into the ATP is competitive and successful completion of identified criteria is not a guarantee of acceptance into the professional phase of the program. Students not meeting the established minimum criteria may write an appeal letter directly to the Athletic Training Department establishing grounds for consideration. Submission of an appeal letter should not be constructed as a guarantee that the minimum criteria will be waived or modified. All appeal letters are considered solely on a case-by-case basis.

Admission Criteria

To be considered as a candidate for admission into the program, a student must have completed and submitted the following:

1. Declared major in Bachelor of Science in Athletic Training at SBU
2. Minimum of 2 semesters completed.
3. Minimum cumulative GPA of 2.50.
4. Enrolled in or successful completion of the following courses (course listings are specific to SBU):
   ATH 2013 Introduction to Athletic Training (Grade of B or better)
   BIO 1004 Principles of Biology
5. Completion of a directed observer program. Transfer students admission will be based upon experience.
6. Evaluation of the student within the directed observer program by the athletic trainer that supervised the most hours. Transfer students will have to obtain an evaluation form (via website or mailed from the Athletic Training Department). The institution's Head Athletic Trainer must fill out this form.
7. Proof of eligibility of ADA Technical Standards for Admission to the ATP using the program's technical standards form.
8. Copy of current American Red Cross Adult First Aid/CPR/AED Certification.
9. Transcripts meeting minimum criteria. Current students at Southwest Baptist University must submit transcripts independent from their prospective advisor. Note: Students not currently enrolled at SBU will need to complete and submit formal application to the University including official transcripts and paying appropriate fees.
10. Transfer students must be accepted to Southwest Baptist University to be considered for entry into the program.

After meeting these requirements, acceptance into the program is based upon 6 weighted criteria. Students with the top scores will be considered for admission into the program. (Number based on amount of eligible seats). The weighted criteria are:

1. Overall Grade Point Average (1 pt/.1pt GPA) ..... 25 (2.50) to 40 (4.00) pts
2. Completion of the Application Packet (2 pts/item)..... 20 pts
3. Directed Observer Evaluation Form (5 pts/category) ..... 56 pts
   NOTE: Transfer students are evaluated by the ATC that observed most of their hours
4. Interview with Admissions Committee (120 pts)..... 84 pts
5. Essay - "What do I want to be?" - evaluated by the Program Director ..... 30 pts
6. Overall Potential - evaluated by the Program Director ..... 20 pts
   Total possible points.....**235- 250 pts**

Application Procedures

Applicants are to submit the following information:

1. Application Form
2. Directed Observer Hours of Documentation Form
3. Athletic Training Student Evaluation Form
4. Immunization records
5. CPR/First Aid Certification
6. Transcripts meeting the minimum criteria. Current students at Southwest Baptist University must submit transcripts independent from their perspective advisor.

It is strongly encouraged that all materials be submitted at the same time. Applications can be hand delivered directly to the Athletic Training Department or can be mailed to:

Athletic Training Education Department
Attn: TJ John MA ATC/L
Southwest Baptist University
1600 University Avenue
Bolivar, MO 65613

Once the application is received, the Athletic Training Department will review for completeness and mail an acknowledgment of the received application. If items are missing from the application, the Department will then direct the applicant to provide further information as needed to complete the application. It is recommended that applicants not hearing from the Department by the first week of March contact the office to ensure that the application has been processed.

ATP Academic Plan

The ATP at SBU is a four-year undergraduate program in the 1+3 model leading to conferring of a B.S. in Athletic Training or B.S. in Sports Medicine. The components of the degrees include General Education (42 hours), Graduation Requirements (10 hours), Major Requirements (63 hours), Support Courses (11 hours), for a comprehensive credit hour total of 126 hours. Students will take an additional 2 hours of electives to reach the University required 128 hours for graduation.

Major Requirements (63 hours in Sequence)

The Major Requirements serve as the primary integration of learned concepts for the student athletic trainers, cognitive and psychomotor, pertaining to the competencies of becoming a professional athletic trainer. All 63 hours (21 courses) are led by faculty within the Department of Athletic Training and are based upon the integration of Christian and professional values as well as the structure of NATA Role Delineation Study (7th ed.), which includes the following domains of learning: a) prevention, b) recognition, evaluation and assessment, c) immediate care, d) treatment, rehabilitation, and reconditioning, e) organization and administration, and professional development and responsibility. This five-pillar domain serves as the building block for the delivery of the Major Requirements found within the ATP course offerings. The following is the Major Requirements; course descriptions that must be completed in order (lock-step sequence).

Athletic Training Major - B.S. Degree

ATH 2013	Introduction to Athletic Training	3 hours
ATH 3013	Athletic Training Techniques I	3 hours
ATH 3033	Functional Anatomy	3 hours
ATH 3022	Athletic Training Practicum I	2 hours
ATH 3093	Emergency Medicine	3 hours
ATH 3114	Athletic Training Evaluation: Above Diaphragm	4 hours
ATH 3103	Sports Performance	3 hours
ATH 3122	Athletic Training Practicum II	2 hours
ATH 3124	Athletic Training Evaluation: Below Diaphragm	4 hours
ATH 3143	General Medical Conditions and Pathologies	3 hours
ATH 3133	Pharmacology	3 hours
ATH 4014	Therapeutic and Sports Performance Modalities	4 hours
ATH 4022	Athletic Training Practicum III	2 hours
ATH 4034	Sports Rehabilitation	4 hours
ATH 4113	Athletic Training Administration	3 hours
ATH 4122	Athletic Training Practicum IV	2 hours
ATH 4133	Psychosocial Strategies	3 hours
ATH 4223	Functional Movement	3 hours
ATH 4833	Evidenced Based Practice	3 hours
ATH 4963	Athletic Training Field Experience I	3 hours
ATH 4973	Athletic Training Field Experience II	3 hours

Clinical Education

Clinical Courses: As part of the baccalaureate degree in Athletic Training, students are required to actively participate and successfully complete a minimum of four different clinical practicum courses and two different field experience courses in a sports medicine or Athletic Training setting. These courses are completed during the normal academic semesters. The courses are part of the professional phase and require the student to commit a minimum of 180 hours per semester of clinical education experience. **Clinical education hours are a program requirement. To reflect completion of the required clinical hours, students are to successfully complete 6 of the non-credit hour clinical requirement courses. These non-credit hour courses are in addition to the required AT Practicum and AT Field Experience courses. T**he student will be given an individual education plan based on post-professional interest.

Support Courses (11 hours)

The Support Courses for the ATP provide depth and breadth to the learning for the Major Requirements. Current course offerings at SBU were identified that provide content which meets or exceeds the mandates established in the eight content areas, which include: (1) Evidenced-Based Practice; (2) Prevention and Health Promotion; (3) Clinical Examination Diagnosis; (4) Acute Care of Injuries and Illnesses; (5)Therapeutic Interventions; (6) Psychosocial Strategies; (7) Healthcare Administration; (8) Professional Development. Some of the eight content areas are well developed and delineated within this block of courses, while others are introduced to the student in order to provide a foundation to didactic information provided in the Major Requirement courses. Course descriptions are provided in this catalog. The Support Courses include the following:

PSY 3243	Elementary Statistics	3 hours
BIO 2204	Human Anatomy and Physiology I	4 hours
BIO 3304	Human Anatomy and Physiology II	4 hours

Bachelor of Science in Sports Medicine – B.S. Degree

Students within the AT program are eligible to declare “Sports Medicine” as their major with department chair approval.

DEPARTMENT OF BIOLOGY

Department Chair: Craig Endres
Office: Wheeler 136C - (417) 328-1743
Faculty: John Murphy, Hillary Glauser-Patton, Dennis Siegfried, Tao Wei

Mission Statement

The Southwest Baptist University Department of Biology functions within the traditional liberal arts setting to educate majors and non-majors how to make informed decisions about life science issues. Biology majors are provided with a basic foundation in biology which will allow them to think critically about biological problems, be able to interpret and communicate within the discipline of biology and possess the technical skills that will prepare them to be leaders within their area of specialty.

Vision Statement

The SBU Department of Biology aspires to be a community of Christian scholars who:

- Implement and maintain a strong, broad-based curriculum for biology majors to prepare them for a career in the life sciences
- Offer quality instruction by incorporating pedagogy that blends traditional methods and discovery-based learning with modern instructional technology
- Provide quality academic advising and career counseling
- Provide to non-science majors a strong foundation in the life sciences that will meet the needs of their respective disciplines

The Department of Biology presents a fundamental and practical knowledge of living organisms, their relationships to each other and their places in the scientific world. The Department of Biology also administers the programs and advises the majors in medical technology.

The baccalaureate degree in biology requires a minimum of 128 semester hours of credit to be earned by completion of the University general education requirements, the biology core curriculum, additional selected biology courses and required support courses. **Note:** Students majoring or minoring in biology will not be permitted to select the pass/fail option for any required course in the major or minor. Biology majors must take the Major Field Assessment Test (MFT) for graduation. An overall grade point average of 2.25 is required in all biology courses and required support courses.

Core Biology Curriculum

The following courses are required of all graduating biology majors. These courses (24 hours) provide an essential foundation for more specialized study.

BIO 1111	Biology Colloquium	1 hour
BIO 2134	General Zoology	4 hours
BIO 2234	General Botany	4 hours
BIO/CHE 3012	Methods in Scientific Research	2 hours
BIO 3324	Genetics	4 hours
BIO 3334	Ecology	4 hours
BIO 4224	Cell and Molecular Biology	4 hours
BIO 4471	Seminar in Biology	1 hour

Biology Concentrations

In addition to the Biology department core curriculum, biology majors must complete a 16-hour concentration from one of the areas listed below.

Biomedical Science (Pre-health Professional, Graduate Studies)

BIO 2204	Human Anatomy and Physiology I	4 hours

BIO 3304 Human Anatomy and Physiology II .....4 hours
Electives chosen from the following:.....8 hours
- BIO 3314 Microbiology
- BIO 3322 Immunology
- BIO 3344 Vertebrate Physiology
- BIO/CHE 3364 Biochemistry
- BIO 3384 Histology
- BIO 3394 Pathogenic Microbiology
- BIO 4404 Pathophysiology
- BIO 4444 Vertebrate Embryology
- BIO 448(1-3) Biological Investigations
- BIO 498(1-3) Biological Internship

Environmental Biology/Field Biology

BIO 2214 Environmental Biology.....4 hours
BIO 3544 Wildlife Biology .....4 hours
Electives chosen from the following:.....8 hours
- BIO 3314 Microbiology
- BIO 3354 Plant Taxonomy
- BIO 4414 Freshwater Biology
- BIO 448(1-4) Biological Investigations
- BIO 498(1-3) Biological Internship
- CHE 3002 Environmental Chemistry

General Biology

Electives (12 hours must be 3000 level or above) .....16 hours

Biology Major - B.A. Degree

Students seeking the B.A. degree in biology must complete 40 or more semester hours in biology course work. In addition to the biology core curriculum, B.A. biology majors are required to complete the listed support courses. Prerequisites are needed for some courses.

General Education Requirements.....**42 hours**
Graduation Requirements .....**16-18 hours**
Biology Core Curriculum .....**24 hours**
Biology Concentration .....**16 hours**
Required Support Courses (12 hours)
CHE 1115 *and* CHE 1125 General Chemistry I *and* General Chemistry II .....10 hours
SCF 3402 Biology Through the Eyes of Faith.....2 hours

Biology Major - B.S. Degree

Students seeking the B.S. degree in biology must complete 40 or more semester hours in biology course work. In addition to the biology core curriculum and area of concentration, B.S. biology majors are required to complete the listed support courses. Prerequisites are needed for some courses.

General Education Requirements.....**42 hours**
Graduation Requirements .....**10 hours**
Biology Core Curriculum .....**24 hours**
Biology Concentration .....**16 hours**
Required Support Courses (20-22 hours)
CHE 1115 General Chemistry I *and* CHE 1125 General Chemistry II .....10 hours
SCF 3402 Biology Through the Eyes of Faith.....2 hours
CHE 3304 Organic Chemistry I *and* CHE 3314 Organic Chemistry II *or* .....8 hours
PHY 1115 General Physics I *and* PHY 1125 General Physics II *or* .....10 hours

MAT 1195	Calculus I *and* MAT 2255 Calculus II *or*	10 hours
CIS 1144	Computer Science I *and* CIS 1154 Computer Science II	8 hours

Biology Major - B. S. (Education) Degree

This B.S. degree will allow students to pursue a career in teaching biology at the high school level in a timely fashion. Designated coursework in biology combined with specified courses in the physical science area and the professional education sequence will enable the biology education major to be certified in biology. This program requires a minimum of 137 semester hours of coursework. A biology education major is required to take the Major Field Test (MFT) in biology. Enrollment in upper level education courses by all students seeking State Teacher Certification is limited to those students who have a cumulative GPA of 2.75, a GPA of 3.0 in Biology coursework, a GPA of 3.0 in professional education coursework, passed all state required assessments, completed their file in the Office of Teacher Education, and been approved by faculty in the Department of Biology and the Department of Education. A person fulfilling degree requirements may be eligible to graduate with or without teacher certification. (Please see Department of Education - Bachelor of Science Degree Certification in Content Areas, Grades 9-12, K-12.)

Biology Education Courses (34 hours)

BIO 1111	Biology Colloquium	1 hour
BIO 2214	Environmental Biology	4 hours
BIO 2134	General Zoology	4 hours
BIO 2234	General Botany	4 hours
BIO 3324	Genetics	4 hours
BIO 3334	Ecology	4 hours
BIO 4471	Biology Seminar	1 hour
Additional hours of Biology electives		12 hours

Required Support Courses (14 hours)

CHE 1115	General Chemistry I	5 hours
CHE 1125	General Chemistry II	5 hours
*PHS 1004	Introduction to Physical Science	4 hours

Additional Required Courses (7 hours)

PHS 1114	Introduction to Earth Science	4 hours
PHS 3303	History & Philosophy of Science and Technology	3 hours

Professional Education Coursework (43 hours)

See Education Certification Worksheet for Biology Grades 9-12 for specific EDU requirements.

* PHY 1115/1125 may be substituted for PHS 1004

Biology Minor (22 hours)

BIO 1111	Biology Colloquium	1 hour
BIO 2134	General Zoology	4 hours
BIO 2234	General Botany	4 hours
BIO 4471	Seminar in Biology	1 hour
Biology electives		12 hours

DEPARTMENT OF CHEMISTRY AND PHYSICS

Department Chairman: John D. Patton
Office: Wheeler 114B - (417) 328-1662
Faculty: Craig Masters, Joseph R. Michalka, Perry A. Tompkins, Jena Whetstine

Mission Statement

The Southwest Baptist University Department of Chemistry and Physics provides, from a Christian perspective, quality instruction and research experiences in chemistry, physics, and the other physical sciences.

Vision Statement

The SBU Department of Chemistry and Physics strives to be a Christ-centered community of scholars that:

- gives quality instruction in the principles and applications of chemistry, physics, and the other physical sciences.
- furnishes intellectually stimulating laboratory and research experiences that foster analytical thinking and discovery-based learning.
- provides quality academic advising.
- offers career counseling in the physical and health sciences.
- prepares its students for careers in science-related professions.

The Department of Chemistry and Physics seeks to present the basic principles of both chemistry and physics, each as its own intellectual discipline; to enhance facility in analytical, critical thinking -- especially thinking which involves logical and quantitative relationship; to provide exciting and stimulating laboratory experiences as an aid to the learning process; and to develop scientifically literate citizens through an understanding of the methods of science and the roles of the physical sciences, including chemistry and physics, in society. The Department of Chemistry and Physics also administers the program in Pre-Engineering and is responsible for the curriculum in Physical Science.

Chemistry

The baccalaureate degree in chemistry requires a minimum of 128 semester hours of credit to be earned by completion of the University general education and graduation requirements, the required core chemistry curriculum, additional selected upper division chemistry courses, required support courses, plus general and/or technical electives. An overall grade point average of 2.0 is required in all chemistry course work.

To receive a degree in chemistry and be certified to teach chemistry and other sciences in Missouri, the student must also satisfy the Department of Education's other requirements for certification. Science education students are encouraged to obtain a B.S. Chemistry degree.

Core Chemistry Curriculum

The following courses are required of all graduating chemistry majors. These courses (29 semester hours) provide an essential foundation for more specialized study. A minimum grade of C is required in all core courses.

Chemistry Required Core Courses (25 hours)

CHE 1115	General Chemistry I	5 hours
CHE 1125	General Chemistry II	5 hours
CHE 3304	Organic Chemistry I	4 hours
CHE 3314	Organic Chemistry II	4 hours
CHE 3345	Analytical Chemistry	5 hours
CHE 3371	Seminar in Chemistry I	1 hour
CHE 4471	Seminar in Chemistry II	1 hour

Required Support Courses (17 hours)

MAT 1195	Calculus I	5 hours
PHY 1115	General Physics I and PHY 1125 General Physics II	10 hours
or		
PHY 2215	University Physics I and PHY 2225 University Physics II	10 hours
SCF 3412	Chemistry Through the Eyes of Faith	2 hours

Chemistry Major - B.A. Degree

This chemistry major program is for students who desire the chemistry major with a liberal arts emphasis. The B.A. chemistry major graduate is required to complete 35 or more semester hours of chemistry coursework, including the required core curriculum, the required support courses, and a minimum of ten more semester hours from the electives. The students obtaining the B.A. chemistry degree must also complete the University's language requirements for the degree. As additional graduation requirements, B. A. degree chemistry majors must take the Major Field Assessment Test (MFT) in chemistry and the departmental Chemistry Core Curriculum Assessment Test (ChemCAT) for graduation.

Chemistry Major - B.S. Degree

This chemistry major program prepares students for employment as chemists, for professional schools in the health sciences, for Unified Science Certification with endorsement in chemistry, or for other technical areas needing a strong chemistry/science background. Students interested in pursuing graduate work in chemistry will be encouraged to take additional math courses, a special topics lab course, and undergraduate chemistry research. Students seeking the B.S. major in chemistry must complete 35 or more semester hours in chemistry coursework and a minimum of six semester hours of upper division technical electives. Upper division technical electives are considered to be courses taken from biology (BIO), computer science (CIS), mathematics (MAT), physical science (PHS), physics (PHY), and science and Christian faith (SCF). As additional graduation requirements, B.S. degree chemistry majors must take the Major Field Assessment Test (MFT) and the departmental Chemistry Core Curriculum Assessment Test (ChemCAT) for graduation.

Upper Division Chemistry Electives (10 or more hours)
Your electives, at minimum, must include two of these first three options

CHE 3323	Physical Chemistry I	3 hours
CHE 3364	Biochemistry	4 hours
CHE 4413	Advanced Inorganic Chemistry	3 hours
CHE 3002	Environmental Chemistry	2 hours
CHE 4002	Interpretive Spectroscopy	2 hours
PHS 3303	History and Philosophy of Science and Technology	3 hours
PHY 3363	Modern Physics	3 hours
CHE 448(1-3)	Chemistry Research.	1-3 hours
CHE 495(1-5)	Special Topics in Chemistry	1-5 hours
CHE 499(1-3)	Independent Study	1-3 hours

Minor in Chemistry

To obtain a chemistry minor, the student must complete all the chemistry core curriculum except CHE 4471.

Chemistry Major - B. S. (Education) Degree

This unique B.S. degree in Chemistry Education has been approved by the Missouri State Department of Elementary and Secondary Education. Designated coursework in chemistry combined with specified courses in the physical science area and the professional education sequence will enable the chemistry education major to be certified in chemistry. This program requires a minimum of 133 semester hours of coursework. As additional graduation requirements, B.S. chemistry education majors must take the Major Field Test (MFT) in chemistry and the departmental Chemistry Core Curriculum Assessment Test (ChemCAT) for graduation. Enrollment in upper level education courses by all students seeking State Teacher Certification is limited to those students who have a cumulative GPA of 2.75, a GPA of 3.0 in Chemistry coursework, a GPA of 3.0 in professional education coursework, passed all state required assessments, completed their file in the Office of Teacher Education, and been approved by faculty in the Department of Chemistry and Physics and the Department of Education. A person fulfilling degree requirements may be eligible to graduate with or without teacher certification. (Please see Department of Education - Bachelor of Science Degree Certification in Content Areas, Grades 9-12, K-12.)

Chemistry Education Courses (30 hours)

CHE 1115	General Chemistry I	5 hours

CHE 1125	General Chemistry II	5 hours
CHE 3002	Environmental Chemistry	2 hours
CHE 3304	Organic Chemistry I	4 hours
CHE 3314	Organic Chemistry II	4 hours
CHE 3345	Analytical Chemistry	5 hours
CHE 3364	Biochemistry	4 hours
CHE 3371	Seminar in Chemistry I	1 hour

Required Support Courses (17 hours)

MAT 1195	Calculus I	5 hours
PHY 1115	General Physics I and PHY 1125 General Physics II	10 hours
or		
PHY 2215	University Physics I and PHY 2225 University Physics II	10 hours
SCF 3412	Chemistry Through the Eyes of Faith	2 hours

Additional Physical Science Courses (7 hours)

PHS 1114	Introduction to Earth Science	4 hours
PHS 3303	History and Philosophy of Science and Technology	3 hours

Professional Education Coursework ..... **43 hours**
See Education Certification Worksheet for Chemistry Grades 9-12 for specific EDU requirements.

Physics

The baccalaureate degree in physics requires a minimum of 128 semester hours of credit to be earned by completion of the University general education and graduation requirements, the required physics and physical sciences courses, required support courses, plus general and/or technical electives. An overall grade point average of 2.0 is required in all physics course work. The physics major is required to be a secondary major and cannot be taken alone except in the case of the pre-medical option. Three options exist: the B.S. in Physics, the B.S in Physics with a Pre-Engineering concentration and the B.S in Physics with the Pre-Medical concentration.

Physics Major - B.S. Degree

Physics Curriculum

The following courses are required for physics majors. These courses (58 semester hours) provide an essential foundation for more specialized study. A minimum grade of C is required in all courses. This is a secondary major only.

Physics Required Courses (26 hours)

PHY 2215	University Physics I	5 hours
PHY 2225	University Physics II	5 hours
PHS 2314	Astronomy	4 hours
PHY 3233	Mechanics	3 hours
PHY 3363	Modern Physics	3 hours
PHY 4413	Electricity and Magnetism Theory	3 hours
CHE 3323	Physical Chemistry	3 hours

Required Support Courses (32 hours)

CHE 1115	General Chemistry I	5 hours
CHE 1125	General Chemistry II	5 hours
CIS 1144	Computer Science I	4 hours
MAT 1195	Calculus I	5 hours
MAT 2255	Calculus II	5 hours
MAT 2263	Calculus III	3 hours
MAT 3363	Differential Equations	3 hours
SCF 3432	Physics Through the Eyes of Faith	2 hours

Physics Major - B.S. Degree – Pre-Medical Concentration

Physics Curriculum

The following courses are required for physics majors in the Pre-Medical Concentration. These courses (77 semester hours) provide an essential foundation for more specialized study. A minimum grade of C is required in all courses. The B.S. in Physics with the Pre-Medical Option is for those students who wish to go to Medical School and includes the courses required for entrance by most medical schools. This course of study does not require a second major.

Physics Required Courses (26 hours)

PHY 2215	University Physics I	5 hours
PHY 2225	University Physics II	5 hours
PHS 2314	Astronomy	4 hours
PHY 3233	Mechanics	3 hours
PHY 3363	Modern Physics	3 hours
PHY 4413	Electricity and Magnetism Theory	3 hours
CHE 3323	Physical Chemistry	3 hours

Required Support Courses (32 hours)

CHE 1115	General Chemistry I	5 hours
CHE 1125	General Chemistry II	5 hours
CIS 1144	Computer Science I	4 hours
MAT 1195	Calculus I	5 hours
MAT 2255	Calculus II	5 hours
MAT 2263	Calculus III	3 hours
MAT 3363	Differential Equations	3 hours
SCF 3432	Physics Through the Eyes of Faith	2 hours

Required Pre-Medical Courses (19 hours)

ENG 2213	English Composition II	3 hours
BIO 2204	Human Anatomy and Physiology I	4 hours
BIO 3304	Human Anatomy and Physiology II	4 hours
CHE 3304	Organic Chemistry I	4 hours
CHE 3314	Organic Chemistry II	4 hours

Physics Major - B.S. Degree – 3-2 Pre-Engineering Concentration

Southwest Baptist University, in cooperation with the Missouri University of Science and Technology, has a program in which students attend SBU for the first three years before transferring to Missouri S&T to complete a B.S. degree in one of the following engineering programs: aerospace, ceramic, chemical, civil, electrical, geological, metallurgical, mining, nuclear or petroleum engineering or engineering management. This is considered a 3-2 Pre-Engineering program. Upon completion of the Engineering requirements, SBU graduation requirements (must be taken at SBU), the following SBU course requirements, and the SBU general education requirements, students will be eligible to also receive a B.S. in Physics from SBU. While the current agreement with Missouri University of Science and Technology is the preferred method to obtain a degree with the 3-2 Pre-Engineering program, other engineering schools will be considered.

Physics Curriculum

The following courses are required for physics majors in the 3-2 Pre-Engineering Concentration. These courses (54 semester hours) provide an essential foundation for more specialized study. A minimum grade of C is required in all courses. This course of study does not require a second major, as this requirement will be covered by the second degree at the engineering school.

Physics Required Courses (22 hours)

PHY 2215	University Physics I	5 hours
PHY 2225	University Physics II	5 hours

PHY 3233	Mechanics	3 hours
PHY 3363	Modern Physics	3 hours
PHY 4413	Electricity and Magnetism Theory	3 hours
CHE 3323	Physical Chemistry	3 hours

Required Support Courses (32 hours)

CHE 1115	General Chemistry I	5 hours
CHE 1125	General Chemistry II	5 hours
CIS 1144	Computer Science I	4 hours
*MAT 1195	Calculus I	5 hours
MAT 2255	Calculus II	5 hours
MAT 2263	Calculus III	3 hours
MAT 3363	Differential Equations	3 hours
SCF 3432	Physics Through the Eyes of Faith	2 hours

* Students without a satisfactory background in mathematics should take MAT 1163 Pre-Calculus before taking MAT 1195.

Electives in the humanities and social science differ depending on the particular field of engineering; however, they are usually taken from Bible, Communications, Economics, Fine Arts, History, Philosophy, Psychology/Sociology or Literature. Six semester hours must be in upper division courses to give depth to one or two areas.

NOTE: 3-2 pre-engineering students should work closely with the pre-engineering advisors (Dr. Craig Masters – Associate Professor of Physics or Dr. Perry A. Tompkins – Professor of Physics) to facilitate any course modification among specific engineering programs.

Minor in Physics

An overall 2.00 grade point average is required for all physics/physical science coursework.
Meteorology (PHS 2214) or Astronomy (PHS 2314) may be substituted for the physics elective course.

Physics/Physical Science Courses (19-20 hours)

PHY 2215	University Physics I	5 hours
PHY 2225	University Physics II	5 hours
PHY 3363	Modern Physics	3 hours
PHY	Physics elective	3-4 hours
CHE 3323	Physical Chemistry	3 hours

Required support courses (22 hours)

CHE 1115	General Chemistry I	5 hours
CHE 1125	General Chemistry II	5 hours
MAT 1195	Calculus I	5 hours
MAT 2255	Calculus II	5 hours
SCF 3432	Physics Through the Eyes of Faith	2 hours

Unified Science Teaching Certification Grades 9 - 12

This certificate will allow an individual to teach any of the beginning sciences; e.g., General Science, Biology I, Chemistry I, or Physics I. An endorsement is required for each area in which an advanced science course is taught; i.e., Biology II or Chemistry II.

The SBU requirements listed below are <u>in addition</u> to the SBU Department of Education's other curriculum requirements for certification.

Minimum Standard Requirements

An endorsement in **Biology** or **Chemistry** ..... 42/37 hours

*PHS 3303	History and Philosophy of Science and Technology	3 hours
*BIO 2134	General Zoology *and* BIO 2234 General Botany	8 hours
CHE 1115 *and* CHE 1125	General Chemistry I *and* General Chemistry II	10 hours
PHY 1115 *and* PHY 1125	General Physics I *and* General Physics II	10 hours
PHS 1114	Introduction to Earth Science *and* PHS 2214 Meteorology	8 hours
BIO 2214	Environmental Biology *or* *BIO 3334 Ecology	4 hours

*Required prerequisite courses.

A. **Biology Endorsement** -- a B.S. or B.A. degree in Biology to include coursework in

BIO 1111	Biology Colloquium	1 hour
BIO 2134	General Zoology	4 hours
BIO 2204 *and* BIO 3304	Human Anatomy & Physiology I and II	8 hours
BIO 2234	General Botany	4 hours
BIO 3314	Microbiology	4 hours
BIO 3324	Genetics	4 hours
BIO 3334	Ecology	4 hours
BIO 4224	Cell and Molecular Biology	4 hours
BIO 4471	Seminar in Biology	1 hour
Biology Electives		4 hours
SCF 3402	Biology Through the Eyes of Faith	2 hours

B. **Chemistry Endorsement** -- a B.S. or B.A. degree in Chemistry to include coursework in

CHE 1115	General Chemistry I *and* CHE 1125 General Chemistry II	10 hours
CHE 3002	Environmental Chemistry	2 hours
CHE 3304	Organic Chemistry I *and* CHE 3314 Organic Chemistry II	8 hours
CHE 3345	Analytical Chemistry	5 hours
CHE 3371	Seminar in Chemistry I *and* CHE 4471 Seminar in Chemistry II	2 hours
CHE 3364	Biochemistry	4 hours
CHE 3323	Physical Chemistry *or* CHE 4413 Advanced Inorganic Chemistry	3 hours
BIO 1004	Principles of Biology	4 hours
MAT 1195	Calculus I	5 hours
*EDU 4522	Methods of Teaching Science in Middle and Secondary Schools	2 hours
SCF 3402	Chemistry Through the Eyes of Faith	2 hours

C. **Physics and Earth Science Endorsements are <u>not</u> available at SBU**.

D. **Professional Education Coursework** ..... **43 hours**

*Techniques/Methods of Teaching Science (EDU 4522) will include: Safety, Lab Techniques, and Research Process Skills.

Enrollment in upper level education courses by all students seeking State Teacher Certification is limited to those students who have a cumulative GPA of 2.75, a GPA of 3.0 in Unified Science coursework, a GPA of 3.0 in professional education coursework, passed all state required assessments, completed their file in the Office of Teacher Education, and been approved by faculty in the Department of Chemistry and Physics and the Department of Education. A person fulfilling degree requirements may be eligible to graduate with or without teacher certification. (Please see Department of Education - Bachelor of Science Degree Certification in Content Areas, Grades 9-12, K-12.)

DEPARTMENT OF MATHEMATICS

Department Chair: Kevin Hopkins
Office: Wheeler 127D - (417) 328-1675
Faculty: Alexandra Archer, Stephen Bowling, Robert Glasgow

Mission Statement

The Department of Mathematics pursues excellence and offers quality instruction from a Christian perspective to non-majors to broaden their mathematical skills and awareness and to majors to prepare them for career success or further study in mathematics.

Vision Statement

The SBU Department of Mathematics pursues excellence by:

- helping students familiarize themselves with mathematical skills and basic mathematical structures necessary for applications and interpretation of life experiences from a Christian perspective;
- seeking to enable students to appreciate graphical presentation of information, logical reasoning, and precision of statement and thought;
- preparing students for continued scholarship and positions of leadership from a Christian perspective in secondary mathematics teaching, graduate study in mathematically related fields, and employment in a global society with many problems that need solutions;
- promoting scholarship of the faculty by encouraging pursuit of advanced degrees, continuing professional development, research, and professional presentations and publications.

Service Courses

Service courses are offered by the department which do not count toward a mathematics major or minor. These either meet the mathematics general education requirement (see the general education section of the catalog for specific requirements) or help students develop the prerequisite skills for later courses in mathematics or other fields. Placement in a particular mathematics course is determined primarily by college entrance examination scores. These scores may necessitate placement in MAT 0103 PreAlgebra or MAT 0123 Intermediate Algebra (which do not count toward the 128 hour graduation requirement) to enable the student to receive the necessary skills for success in later mathematics courses. Other factors that determine a starting mathematics course are high school background, vocational objectives, previous performance and student interest.

MAT 0103	PreAlgebra	3 hours
MAT 0123	Intermediate Algebra	3 hours
MAT 1143	College Algebra	3 hours
MAT 1163	PreCalculus	3 hours
MAT 1173	Discrete Mathematics	3 hours
MAT/BUS 1193	Business Calculus	3 hours
MAT 2393	Geometry, Data, and Probability for Elementary/Middle School Teachers	3 hours

Mathematics Major - B.A. Degree

All students graduating from Southwest Baptist University are required to complete at least 128 hours of credit to be earned by completion of the University general education requirements, University graduation requirements, courses within their major and other elective courses.

Core courses (27 hours)

MAT 1195	Calculus I	5 hours
MAT 2255	Calculus II	5 hours
MAT 2263	Calculus III	3 hours

MAT 3313 Abstract Algebra ..... 3 hours
MAT 3323 Linear Algebra ..... 3 hours
MAT 4663 Advanced Calculus ..... 3 hours
MAT 3332 Symbolic Logic and Set Theory ..... 2 hours
MAT 3343 Mathematical Statistics ..... 3 hours

Elective courses (10-12 hours), select 4 of the following courses: ..... 10-12 hours
MAT 3353 Integrated Mathematics
MAT 3363 Differential Equations
MAT 3372 Math Technologies
MAT 3382 History of Mathematics
MAT 4343 Mathematical Statistics II
MAT/CIS 4433 Numerical Methods
MAT 4483 Contemporary Geometry

Required support courses (5 hours) ..... 5 hours
CIS 1033 Foundations of Computer Science (meets Computer Science Gen Ed and also serves as support for Mathematics) .....
SCF 3422 Mathematics Through the Eyes of Faith

Mathematics Major - B.S. Degree

Same requirements as those for the B.A. degree, except that CIS 1144 or Secondary Certification is required instead of foreign language.

Certification for Teaching High School (Mathematics 9-12)

Students seeking certification with their mathematics major have the following courses added to the core courses listed above.

MAT 3353 Integrated Mathematics ..... 3 hours
MAT 3372 Math Technologies ..... 2 hours
MAT 3382 History of Mathematics ..... 2 hours
MAT 3391 Preparing for Secondary Mathematics Teacher Certification Exam .....1 hour
(waived if student has already passed their Math Certification Exam by Spring of their Junior Year)
MAT 4483 Contemporary Geometry ..... 3 hours
Professional Education Coursework ..... 44 hours
See Education Certification Worksheet for Mathematics Grades 9-12 for specific EDU requirements.

The required support course requirement is the same. Enrollment in upper level education courses by all students seeking State Teacher Certification is limited to those students who have a cumulative GPA of 2.75, a GPA of 3.0 in Mathematics coursework, a GPA of 3.0 in professional education coursework, passed all state required assessments, completed their file in the Office of Teacher Education, and been approved by faculty in the Department of Mathematics and the Department of Education. A person fulfilling degree requirements may be eligible to graduate with or without teacher certification. (Please see Department of Education - Bachelor of Science Degree Certification in Content Areas, Grades 9-12, K-12.)

Minor in Mathematics

Nineteen hours of mathematics consisting of
MAT 1195 Calculus I ..... 5 hours
MAT 2255 Calculus II ..... 5 hours
Three other non-freshman mathematics courses, excluding:
MAT 2393 Geometry, Data, and Probability for Elementary/Middle School Teachers

Required support courses, select 1 of the following courses:
CIS 1033 Foundations of Computer Science ..... 3 hours
CIS 1144 Computer Science I ..... 4 hours

PRE-PROFESSIONAL STUDIES

Biology Major: Pre-Physical Therapy

The Biology Department at SBU has an undergraduate program of study in which students can prepare for entrance into the SBU Doctor of Physical Therapy (DPT) program. This program of study leads to a B. S. Degree in Biology and incorporates required entrance course work for the SBU DPT program. Other admission requirements for the SBU DPT should be obtained directly from the Department of Physical Therapy, Southwest Baptist University, Bolivar, MO, 65613, (417) 328 1672. Admissions to the SBU DPT program is based on competitive applications. Completion of the Biology Major: Pre Physical Therapy should not be construed as a guaranteed acceptance into the SBU DPT program, nor does it guarantee acceptance into physical therapy programs not associated with SBU. Students selecting this major are strongly encouraged to keep in close contact with both their Biology Department Advisor and the DPT Admission Coordinator beginning with their first year of study. The typical program of study is shown below.

First Year

Fall

UNI 1111	University Seminar	1 hour
BIO 1111	Biology Colloquium	1 hour
BIO 1004	Principles of Biology	4 hours
ENG 1113	English Composition I #	3 hours
MAT 1143	College Algebra #	3 hours
BIB 1013	Old Testament History	3 hours

Spring

UNI 1121	Introduction to Critical Thinking	1 hour
BIO 2134	General Zoology	4 hours
ENG 2213	English Composition II	3 hours
CIS 1103	Computer & Information Management	3 hours
BIB 1023	New Testament History	3 hours
KIN 1162	Foundations of Physical Fitness/Wellness	2 hours

Second Year

Fall

BIO 2204	Human Anatomy and Physiology I *	4 hours
CHE 1115	General Chemistry I *	5 hours
PSY 1013	General Psychology *	3 hours
COM 1103	Fundamentals of Speech Communication	3 hours
SPF 2012	Introduction to Spiritual Formation	2 hours

Spring

BIO 3304	Human Anatomy and Physiology II *	4 hours
CHE 1125	General Chemistry II *	5 hours
HIS 22(1-2)3	History of the United States, 1492-1865 *or* 1865-Present	3 hours
Cultural Studies Elective		2 hours
Elective	3 hours	

Third Year

Fall

PHY 1115	General Physics I *	5 hours
BIO 2234	General Botany	4 hours
BIO 3012	Methods in Scientific Research	2 hours
PSY ___3	Psychology Elective *	3 hours
FAR 10(0-3)3	Fine Arts Elective	3 hours

Spring

PHY 1125	General Physics II *	5 hours
BIO 4404	Pathophysiology **	4 hours
PSY 3243	Elementary Statistics *	3 hours
Electives	2 hours	

Fourth Year

Fall

BIO 3324	Genetics	4 hours
BIO 4471	Biology Seminar	1 hour
POL 1113	American Government	3 hours
Biology Elective		4 hours
Electives	3 hours	

Spring

BIO 3334	Introduction to Ecology	4 hours
BIO4224	Cell and Molecular Biology	4 hours
ECO 2003	LIFE Economics	3 hours
Electives		6 hours

\# Placement in this course depends on ACT scores
* Prerequisite for DPT
** Strongly recommended but not required for DPT
^ Submit completed DPT graduate school application packet including GRE scores

Pre-Health Programs

Although SBU does not offer majors in pre-health programs, students can become well-qualified for acceptance into one of the professional schools of the health sciences. Plans of study are available for students pursuing entry into schools of dentistry, medicine, osteopathy, optometry, veterinary medicine, pharmacy, physician's assistant, or medical technology as well as other areas. Pre-professional programs for the health sciences vary in length from one to four years depending on the specific area of interest. Also, admission requirements are so varied that it is not possible to give detailed plans of study for each area of interest. Students need to be aware of the specific admission requirements of the professional school(s) to which they intend to apply and to select a plan of study accordingly. Students are strongly urged to work closely with their faculty academic advisors and the SBU Pre-Health Careers Committee on the selection of courses, the sequence in which the courses are taken, and on the fulfillment of the admission requirements of the chosen professional program(s).

Students applying to professional schools need to be aware of the deadlines established by the professional schools and testing organizations for submitting application materials and taking admissions examinations. The student is responsible for meeting these deadlines and for any fees associated with the application process or admission testing.

Students interested in pursuing a pre-health program at SBU should identify themselves with the SBU Pre-Health Careers Committee at the earliest possible date. The Pre-Health Careers Committee serves to counsel students and to assist them in obtaining catalogs, literature and other information pertinent to professional school admission requirements and admission testing procedures. Once the requirements for admission to a professional program have been met, the Pre-Health Careers Committee will, at the request of the student, interview the student and write letters of recommendation. For additional information on pre-medicine, pre-dentistry, pre-optometry, pre-osteopathy, pre-veterinary medicine, pre-pharmacy, pre-physician's assistant, and medical technology studies contact the Chairman, SBU Pre-Health Careers Committee, College of Science and Mathematics, Southwest Baptist University, Bolivar, MO, 65613, (417) 328-1659.

Students interested in a career in nursing should contact the Mercy College of Nursing and Health Sciences, 4431 South Fremont St., Springfield, MO, 65804, (417) 820-2069.

Medical Technology - B.S. Degree

Southwest Baptist University, in cooperation with the Cox School of Medical Technology, Cox Health Systems, Springfield, Missouri, offers a four-year program leading to a B.S. degree in medical technology. The fourth year of this work is taken at Cox Medical Center South (or an approved hospital or school of medical technology).
Upon satisfactory completion of this work, students are certified in this field by passing the examination given by the American Society of Clinical Pathologists.

1. Students must have senior standing (completed 96 semester hours of college credit) before admission to a National Accrediting Agency for Clinical Laboratory Science (NAACLS) approved school of medical technology.
2. Students must complete the SBU general education and graduation requirements.
3. At least the last 30 hours of the 96 hours of college credit must be taken at SBU.
4. Admission to a school of medical technology is determined by the national requirements and approval of the educational coordinator of the school of medical technology concerned.
5. Upon certification by the educational coordinator of an NAACLS approved school of medical technology that the courses in medical technology have been completed satisfactorily, SBU will grant a minimum of 30 semester hours of upper-division credit for the work.

The following SBU courses are required before admission to the medical technology program:

BIO 1004	Principles of Biology	4 hours
BIO 2204	Human Anatomy and Physiology I	4 hours
BIO 3304	Human Anatomy and Physiology II	4 hours
BIO 3314	Microbiology	4 hours
BIO 3322	Introduction to Immunology	2 hours
BIO 3324	Genetics	4 hours
BIO/CHE 3364	Biochemistry	4 hours
CHE 1115	General Chemistry I *and* CHE 1125 General Chemistry II	10 hours
CHE 3304	Organic Chemistry I *and* CHE 3314 Organic Chemistry II	8 hours
CHE 3345	Analytical Chemistry *or* CHE 3354Instrumental Analysis	4-5 hours

The following SBU courses are recommended as electives before admission to the medical technology program:

BIO 3384	Histology	4 hours
BIO 3394	Pathogenic Microbiology	4 hours
PSY/SOC 3243	Elementary Statistics	3 hours
MGT 4043	Organizational Behavior and Theory *or* FIN 3003 Personal Financial Planning	3 hours

The following courses (with associated SBU credit hours awarded) are taken by students accepted into the Cox School of Medical Technology during the senior year:

MTC 401	Clinical Biochemistry	10 hours
MTC 402	Clinical Microscopy	2 hours
MTC 403	Clinical Hematology & Coagulation	7 hours
MTC 404	Diagnostic Immunology	4 hours
MTC 405	Clinical Microbiology	7 hours
MTC 406	Immunohematology	4 hours
MTC 407	Special Topics in Medical Technology	1 hour

DEPARTMENT OF PHYSICAL THERAPY

Director and Department Chair: Steven G. Lesh
Office: Davis 100 - (417) 328-1672
Faculty: Terry Cox, Amber Fleer, Herb Hamann, Kevin Jones,
Sarah Jones, Josh Layman, Connie Matheny, Beverly McNeal,
Becky Schoeneberg, Tom Sneed, Martaun Stockstill, Marsha Trantham
http://www.sbuniv.edu/pt

"Whatever you do, work at it with all your heart, as working for the Lord, not for human masters, since you know that you will receive an inheritance from the Lord as a reward. It is the Lord Christ you are serving."
-Colossians 3:23-24

For Catalog Listings and Policies for the Doctor of Physical Therapy Degree please see the SBU Graduate Catalog. Listed here are two special enrollment programs that pertain to undergraduate level students

High School Early Acceptance Program

Selected High School students are eligible to apply on a competitive basis for early acceptance into the physical therapy program subject to the following parameters and guidelines:

1. Earn a 24 ACT or equivalent SAT score (1090).
2. Submit a completed High School Early Acceptance (HSEA) application with appropriate supporting evidence and documentation.
3. Should be a graduating high school senior or collegiate freshman with less than 30 completed undergraduate hours at the time of application.
4. Once accepted into the HSEA program, all undergraduate classes must be taken at SBU with the successful awarding of a bachelor's degree (any major). The spirit of this provision is not to prevent the student from taking an occasional summer or correspondence course from a different college or university.
5. HSEA recipients must confirm their intent to matriculate into the professional phase of the physical therapy program by the end of January in their intended enrollment year and pay appropriate deposit.
6. Must submit a current graduate level application.
7. HSEA recipients must earn an overall GPA of 3.00, a prerequisite GPA of 3.25, and a minimum grade of a "C" in all prerequisite courses or else forfeit their acceptance. The prerequisite GPA will be calculated with the first-time attempted course grade. Withdrawals will be considered an "F" grade. Under special circumstances, a withdrawn course can be petitioned, reviewed by the admissions committee, to be retaken for prerequisite GPA consideration.
8. Document 40 hours of observation or work hours in a physical therapy setting.
9. Participate in 50 hours of community service.
10. Complete PTH 2523 Introduction to Physical Therapy and KIN 3073 Exercise Physiology with a minimum grade of a "B."
11. HSEA applications should be submitted to the department for consideration for the upcoming fall semester: 1) on or before the middle of November or January for students participating in SBU Scholars Day, or 2) before the first of April for students not participating in SBU Scholars Day. A maximum of 20 awards will be given during any one academic year. If the 20 slots are not filled during the first selection cycle, a late cycle pool will be considered during February of the academic year just prior to the selection cycle for the next academic year. If slots are not filled for any one academic year, they will not roll over or be extended.

Eligibility for awarding the HSEA is established at the point of SBU undergraduate graduation and all normal requirements must be completed at the time of recognized graduation. Successful HSEA participants will receive a scholarship upon entering the professional phase of the physical therapy program subject to the following parameters and guidelines:

1. Students will receive credit for the scholarship by attending and documenting mentoring sessions on a semester basis during their undergraduate semesters (max 8 semesters). The scholarship amount will be earned at a rate of $375 per regular semester (Fall, Spring) enrolled at SBU in which student attends the mandatory mentoring sessions.
2. The total scholarship is awarded in 3 equal installments upon entry to the SBU physical therapy program (i.e. first year, second year, and third year in equal $1000 amounts resulting in a "discount" on the annual tuition).
3. The award is not distributed as a cash award.
4. If the student does not accept the HSEA enrollment into the SBU physical therapy program, the award becomes null and void.
5. If the student does not merit entry to the SBU physical therapy program under the established guidelines as a HSEA participant, the award becomes null and void.
6. A deferment of up to 2 calendar years after earning of a bachelor's degree from SBU may be granted upon request of the HSEA participant who otherwise meets established guidelines. The spirit of this provision is a variance given to HSEA participants who meet unexpected life events beyond their control.
7. Once enrolled in the professional phase of the program, the HSEA participant must meet established unconditional matriculation requirements or the remaining award distributions will be forfeited.

A+ Recruitment Program

The Doctor of Physical Therapy (DPT) program at Southwest Baptist University realizes and appreciates that the cost of earning a valuable degree continues to increase and this cost factor does play a role in the decision-making processes on where students elect to attend college. The program wishes support Missouri A+ students who have a professional goal on becoming a physical therapist by establishing a path by which they can complete their A+ requirements and earn an automatic acceptance into the SBU DPT program.

A+ Recruitment Program Requirements

1) Successfully earn an Associate's degree based on the existing parameters of the A+ program
2) Earn a Bachelor's of Science degree from SBU in Biology
3) Have the following prerequisite courses completed by B.S. graduation and present on the transcript with at least a minimum grade of a "B" in each course (combined prerequisite GPA should be 3.25)^#:
   a) Biology* – one semester, human or animal-based with lab component
   b) Chemistry* – two semesters with lab component
   c) Physics* – two semesters with lab component
   d) Anatomy and Physiology* – two semesters with lab component
   e) Statistics
   f) Two psychology courses – excluding psychological statistics
   g) Medical Terminology – housed in PTH 2523 Intro to Physical Therapy
   h) Exercise Physiology – KIN 3073 Physiology of Exercise

   ^Repeated courses will be reviewed by the admissions committee for evaluation of acceptance. It is the general guideline that courses should not be repeated unless extreme circumstances are presented.

   #Course in Pathophysiology is highly recommended, but not required.

   *Courses must be taken in sequence from a science-based department.
4) Earn a combined overall GPA of 3.0 and prerequisite GPA of 3.25
5) Complete the GRE with a combined average of 50th percentile across all content areas
6) Complete 40 hours of professional physical therapy observation
7) Complete 50 hours of community service - international mission trips preferred
8) Complete an application to the PT program during senior year, including an essay and references

DARRELL R. STRAIT CENTER FOR THE INTEGRATION OF SCIENCE AND CHRISTIAN FAITH

Center Director: Perry A. Tompkins
Office: Wheeler 100-B - (417) 328-1659
Faculty: Stephen Bowling, Craig Endres, Robert Glasgow, Hillary Glauser-Patton, Craig Masters, John Patton, Perry A. Tompkins

The Darrell R. Strait Center for the Integration of Science and Christian Faith is an academic center housed within the SBU College of Science and Mathematics and named in memory of our beloved colleague, Dr. Darrell R. Strait. Dr. Strait was a long time employee of the University, senior professor of chemistry and former Dean of the College of Science and Mathematics. The Darrell R. Strait Center is home to an interdisciplinary program (major and minor programs) focusing on the integration of science and Christian faith. In this Center, students study the history and philosophy of science, Biblical hermeneutics and the integration of science and Christian faith. Working from the authority of Scripture and the assertion that Christianity is true, these programs enable students to establish and validate Biblically based personal belief systems on the interrelations between science and Christian faith.

The baccalaureate degree in Integration of Science and Christian Faith requires a minimum of 128 semester hours of credit to be earned by completion of the University general education and graduation requirements, the Integration of Science and Christian Faith curriculum (shown below) and a second major in any other undergraduate degree program offered by SBU. Courses taken toward completion of the major may also be counted toward completion of the general education requirements or a second major in another degree program. A Second Major in any degree program at SBU is required with this major.

Integration of Science and Christian Faith Major - B.S. degree

General Education Requirements ..... **42 hours**
Graduation Requirements ..... **10 hours**
Required Courses for the Major

CHE 1115	General Chemistry I *and* CHE 1125 General Chemistry II	10 hours
BIO 1004	Principles of Biology *and* 4 hours upper division biology	8 hours
PHY 1115	General Physics I *OR*	
PHY 2215	University Physics I	5 hours
MAT 1195	Calculus I *OR*	
PHY 1125	General Physics II *OR*	
PHY 2225	University Physics II	5 hours
BIB 2093	Methods of Biblical Interpretation	3 hours
PHI 2013	Philosophical Foundations for a Christian Worldview	3 hours
PHS 3303	History and Philosophy of Science and Technology	3 hours
SCF 3402	Biology Through the Eyes of Faith*	2 hours
SCF 3412	Chemistry Through the Eyes of Faith**	2 hours
SCF 3422	Mathematics Through the Eyes of Faith***	2 hours
SCF 3432	Physics Through the Eyes of Faith**	2 hours

* Prerequisite to this course is completion of the general education requirement in life science.
** Prerequisite to this course is completion of the general education requirement in physical science.
*** Prerequisite to this course is completion of the general education requirement in mathematics.

Minor in Integration of Science and Christian Faith

To obtain a minor in Integration of Science and Christian Faith, students must complete the following 17 semester hours of course work:

BIB 2093	Methods of Biblical Interpretation	3 hours
PHI 2013	Philosophical Foundations for a Christian Worldview	3 hours

PHS 3303	History and Philosophy of Science and Technology	3 hours
SCF 3402	Biology Through the Eyes of Faith	2 hours
SCF 3412	Chemistry Through the Eyes of Faith	2 hours
SCF 3422	Mathematics Through the Eyes of Faith	2 hours
SCF 3432	Physics Through the Eyes of Faith	2 hours

Mercy College of Nursing and Health Sciences

Associate Provost and Vice President for Operations: Bob McGlasson
Dean: Kezia Lilly
Office: 4431 S. Fremont St.
Springfield, MO 65804 (417) 820-2069
http://www.sbuniv.edu/academics/colleges/mercy-college.php

Chair of Undergraduate Nursing – Springfield (A.S.N. and R.N.-B.S.N.): Brittney Hendrickson
A.S.R. Chair: Joan Hedrick
Pre-licensure B.S.N. Chair – Bolivar: Nancy Delmont
H.S.C. Chair: Stacy Soden
M.S.N. Interim Chair: Kezia Lilly

Faculty: Kim Austin, Sylvia Barber, Cynthia Beasley, Katy Brandes, Terri Briggs, Karlae Callahan, Rebecca Cave, Lisa Cunningham, Heather Daulton, Michael Dickerson, Amanda Doneski, Suzanne Givens, Phillip Gnau, Joan Hedrick, Rachel Kopsas, Jennifer Maloney, Renay McCarley, Shannon McKinzie, Patricia Mickelberg, Martha S. Morrow, Kelly Paulie, Leigha Pellegren, Michelle Ramsey, Cindy Reed, Heather Shackelford, Teresa Sickmyre, Jodie Snider, Stacy Soden, Paula Steiert, Cindy Todd, Bethany Woods, Sherri Young, Sharon Zahn

Advisors: Katy Brandes, Kati Clancy

Mission Statement

Mercy College of Nursing and Health Sciences is faith-based, educating students to be competent and caring health care professionals engaged in the healing ministry of Christ through servant leadership.

Vision Statement

We are believers in Christ, partnering together to educate current and future healthcare professionals to be competent and caring servant leaders. MCONHS provides quality faith-based education to our students, capable of serving diverse populations in a variety of healthcare settings. We embody Christ-likeness in our daily interactions demonstrated by personal integrity, shared values and service to the community.

Department of Undergraduate Nursing – Springfield

Bachelor of Science in Nursing (RN-BSN)
(Accredited by Accreditation Commission for Education in Nursing)

The College of Nursing and Health Sciences offers a Registered Nurse Degree Completion Program and concurrently enrolled program for ASN students (Junior-Senior level) leading to the Bachelor of Science in Nursing (BSN). The R.N.-to-B.S.N. program is a web-based, accelerated program. Degree candidates must be registered nurse graduates to be formally accepted into the Mercy College of Nursing & Health Sciences associate degree program or a graduate of diploma program. All degree candidates are required to complete general education requirements (except for UNI 1111

and UNI 1121) as well as the major requirements listed below. **Note**: An associate degree in a professional program (such as A.A.S.N. or A.S.N.) does not satisfy the general education requirements.

RN-BSN Requirements (128 hours)

Students completing the RN-BSN Completion Program must meet all general education (except for UNI 1111 and UNI 1121) and graduation requirements of the University.

General Education ..... **42 hours**
Graduation Requirements ..... **10 hours**

Nursing Program Requirements (17 hours) – usually met in ASN program

BIO 2204	Anatomy and Physiology I*	4 hours
BIO 2213	Microbiology	3 hours
BIO/ KIN 2243	Nutrition	3 hours
BIO 3304	Anatomy and Physiology II	4 hours
PSY 3063	Human Growth and Development	3 hours

BSN Program Requirements (7 hours)

BIO 4404	Pathophysiology	4 hours
PSY/SOC 3243	Elementary Statistics	3 hours

BSN Major Requirements (34 hours)

NUR 3203	Transition to the BSN Role	3 hours
NUR 3303	Health Assessment	3 hours
NUR 3373	Professional Nursing Practice	3 hours
NUR 3383	Gerontological Nursing	3 hours
NUR 3393	Transcultural Nursing # *or*	
NUR 4013	Health Care in Culturally Diverse Populations #	3 hours
NUR 3453	Spirituality in Health Care **	3 hours
NUR 3563	Health Care Informatics	3 hours
NUR 4404	Community Health	4 hours
NUR 4434	Administration and Leadership +	4 hours
NUR 4333	Research and Evidence Based Practice	3 hours
NUR 4442	Capstone	2 hours

* Biology courses will satisfy the general education life science requirement for this degree.
\+ Course can be reviewed and considered for waiver for 'life experience.'
\# Approved general education alternative course
** Approved alternative for SPF 2012

Lower Division Nursing (30 credit hours)

Thirty hours of lower division credit will be awarded toward the major requirements for students from an accredited Associate of Science in Nursing, Associate of Applied Science in Nursing, or diploma program. These hours will only be credited toward the BSN degree. Students from diploma programs will be considered for admission.

Admission Policy, RN-BSN

In addition to admission to the University, applicants must complete the following for acceptance into the BSN degree program.

All Applicants Must Comply with the Following:

- It is preferred that all general education and graduation requirements (except the Spiritual Formation and Cultural Studies courses, which are offered in the BSN program) must be successfully completed before enrolling in a BSN NUR course.

Students Applying to the BSN Program

- Apply to SBU.
- Applicants who have attended SBU in the past but have a break of one year or longer in enrollment must reapply to SBU.
- Provide copies of current RN license, driver's license, and CPR card, along with official transcripts of all college and nursing courses.
- Unlicensed new graduates must provide an anticipated date for taking NCLEX-RN. Following successful completion of the NCLEX-RN examination, licensure must be verified through the Missouri Department of Professional Registry.
- If licensed in another state, but not in Missouri, provide documentation that the licensure by endorsement process has been started with the Missouri Board of Nursing, as well as the anticipated date of receiving licensure in Missouri.

Concurrently Enrolled Students

- ASN students may take designated BSN courses during the ASN program. Students may take up to six credit hours per semester. Greater than six credit hours must be approved by the RN-BSN Program Chair or Dean.
- The BSN courses that have been designated for concurrent enrollment in the ASN program are:

NUR 3003 Legal and Ethical Issues for Health Professionals	NUR 3363 Pharmacological and Complementary Therapies
NUR 3013 Organization and Delivery of Healthcare	NUR 3373 Professional Nursing Practice
NUR 3023 Faith Community Nursing	NUR 3383 Gerontological Nursing
NUR 3033 Care at the End of Life	NUR 3393 Transcultural Nursing
NUR 3043 Missionary Nursing	NUR 3453 Spirituality in Health Care
NUR 3053 Diabetes Across the Lifespan	NUR 3563 Health Care Informatics
NUR 3063 Emergency Preparedness	NUR 4013 Health Care in Culturally Diverse Populations
NUR 3073 Patient Education & Health Promotion	NUR 4023 Healthcare Finance
NUR 3083 Clinical Genetics	NUR 4333 Research and Evidence Based Practice
NUR 3093 Survey of Human Anatomy and Physiology for Nursing and Health Sciences	NUR 4423 Clinical Case Management
NUR 3103 Basics of APA Writing in Healthcare	NUR 4434 Administration and Leadership
NUR 3203 Transition to the BSN Role	NUR 445(1-3) Special Topics in Nursing
NUR 3303 Health Assessment	NUR 499(1-3) Independent Studies

All Applicants Must Comply with the Following:

Admission conference with a member of the BSN faculty (may be done by distance communication)
These records and/or requirements must be submitted:

- Minimum cumulative GPA of 2.5. Students with a GPA less than 2.5 will be considered for conditional admittance into the program at the discretion of the RN-BSN Program Chair.
- Current RN license in state of residence/employment
- Current American Heart Association CPR certification
- Photo ID/driver's license

Malpractice insurance is provided to all students upon admission to the RN-BSN program, to protect the student and the University when the student is serving in a nursing capacity for any school-related project or fulfilling required service learning hours.

All admissions are provisional until the required information is received. Admission criteria subject to change.

Practical Experience Requirements

- Courses including practice experiences, may require additional documents by agencies or course faculty. Failure to provide requested documentation will result in the student not being allowed to participate in the course.

RN-BSN Completion Program Educational Outcomes/Competencies

Upon completion of the baccalaureate of nursing program, the graduate will:

1. Integrate knowledge obtained from a **Christ** centered liberal arts curriculum to guide nursing practice, **professional development**, and **lifelong learning**
2. Apply leadership principles to coordinate patient care and collaborate with interdisciplinary teams. (Teamwork & Collaboration)
3. Employ practices to ensure **patient safety** and improve outcomes of care. (Safety).
4. Utilize **information management** systems to document care, support nursing practice, and guide decision making. (Information Management)
5. Incorporate **current evidence**, clinical expertise, and patient preferences in health care practice. (EBP)
6. Apply principles of **quality improvement** to monitor outcomes of care and minimize risk of harm to patients and providers. (Quality Improvement)
7. Demonstrate **professionalism** in nursing and explore the regulatory and financial drivers of the healthcare system. (Professionalism)
8. Provide continuous individualized **patient-centered care** across the lifespan in a variety of settings. (Patient Centered Care)

Associate of Science in Nursing

Accredited by the Accreditation Commission for Education in Nursing and Missouri State Board of Nursing

Southwest Baptist University (SBU) offers a 2-year pre-licensure nursing program leading to the Associate of Science in Nursing degree (ASN). Graduates of the ASN program meet the requirements to sit for the National licensure examination (NCLEX-RN) for registered professional nurses (RN). Graduation from this program does not guarantee licensure as an RN. This program is offered at the SBU- Springfield Campus. A graduate of the ASN program enters the health care environment as a nurse generalist, prepared to practice in settings where policies and procedures are established and guidance is available. Graduates will have experience caring for individual clients across the lifespan, within the context of their families and communities, in settings across the health care continuum. Students may progress from the ASN to BSN completion program, or may be concurrently enrolled.

ASN Science Incentive
Awarded to Pre-nursing students taking all required pre-requisite science courses at Southwest Baptist University.

Requirements:

1. Meet admission requirements of SBU and be enrolled at SBU
2. Complete the following pre-requisite sciences with a 3.0 science cumulative GPA
    - BIO 2204 Anatomy & Physiology I
    - BIO 3304 Anatomy & Physiology II
    - BIO 2213 Microbiology
    - CHM 1104 General Chemistry or CHE 1004 Chemistry for Allied Health
3. Have a cumulative GPA of 3.0
4. Repeated ASN courses do not apply.

Qualifying students will receive $500 per semester for a maximum total of $2000 per student.

ASN Requirements (72 hours including prerequisites)
Students completing the ASN Program must meet all general education and graduation requirements of the university.

ASN Prerequisites (must be met with a minimum of a C in all Courses).

BIO 2204	Human Anatomy and Physiology I+~	4 hours
BIO 3304	Human Anatomy and Physiology II~	4 hours
CHE 1004	Chemistry for Allied Health #+	4 hours
BIO 2213	Introduction to Microbiology~	3 hours

ASN Graduation and Program Requirements

BIB 1013	Old Testament History**	3 hours

BIB 1023	New Testament History**	3 hours
BIO/KIN 2243	Nutrition	3 hours
CIS 1103	Computer and Information Management#	3 hours
ENG 1113	English Composition I #	3 hours
PSY 1013	General Psychology	3 hours
PSY 3063	Human Growth and Development	3 hours

ASN Major Requirements (36 hours)

NUR 1004	Foundations of Safe Nursing Practice	4 hours
NUR 1014	Intro to Nursing Across the Lifespan	4 hours
NUR 1011	Pharmacology for Nursing I	1 hour
NUR 1024	Patient Centered Care I	4 hours
NUR 1034	Patient Centered Care II	4 hours
NUR 1021	Pharmacology for Nursing II	1 hour
NUR 2014	Advanced Patient Centered Care I	4 hours
NUR 2024	Advanced Patient Centered Care II	4 hours
NUR 2031	Pharmacology for Nursing III	1 hour
NUR 2014	Complex Patient Centered Care	4 hours
NUR 2044	Nursing Role Integration	4 hours
NUR 2051	NCLEX Preparation	1 hour

Students Transferring Second Semester must successfully complete the Transitions course listed below (*) and provide transfer equivalency of 9 credit hours of nursing, including clinical

NUR 0113	MCONHS Transitions Nursing Course I*	3 hours
NUR 1024	Patient Centered Care I	4 hours
NUR 1034	Patient Centered Care II	4 hours
NUR 1021	Pharmacology for Nursing II	1 hour
NUR 2014	Advanced Patient Centered Care I	4 hours
NUR 2024	Advanced Patient Centered Care II	4 hours
NUR 2031	Pharmacology for Nursing III	1 hour
NUR 2034	Complex Patient Centered Care	4 hours
NUR 2044	Nursing Role Integration	4 hours
NUR 2051	NCLEX Preparation	1 hour

Students Transferring into Third Semester must successfully complete the Transitions course listed below (*) and provide transfer equivalency of 18 credit hours of nursing including clinical and 3 credit hours of Pharmacology

NUR 0203	MCONHS Transitions Nursing Course II*	3 hours
NUR 2014	Advanced Patient Centered Care I	4 hours
NUR 2024	Advanced Patient Centered Care II	4 hours
NUR 2031	Pharmacology for Nursing III	1 hour
NUR 2034	Complex Patient Centered Care	4 hours
NUR 2044	Nursing Role Integration	4 hours
NUR 2051	NCLEX Preparation	.1 hour

LPN and Paramedic students entering into the ASN Program as advanced placement students must complete all prerequisites, general education courses, and program requirements listed above.

Students entering into the Third Semester as Advanced Placement Bridge students must successfully complete the appropriate Bridge course listed below and must possess a license in good standing as a practical nurse or Paramedic in the State of Missouri.

NUR 1104	Paramedic Advanced Placement Bridge Course	4 hours
NUR 2003	LPN Advanced Placement Bridge Course	3 hours
NUR 2014	Advanced Patient Centered Care I	4 hours
NUR 2024	Advanced Patient Centered Care II	4 hours
NUR 2031	Pharmacology for Nursing III	1 hour
NUR 2034	Complex Patient Centered Care	4 hours

NUR 2044 Nursing Role Integration ..... 4 hours
NUR 2051 NCLEX Preparation ..... 1 hour

Old Curriculum ASN Course Number	**Condition(s)**	
NUR 1135 or NUR 1134 in fall 2016	Student unsuccessful or drops	Will require a remedial transition course (also NUR 0013) JA17 to progress into the 2nd Semester New Curriculum (NUR 1024 or NUR 1034) – SP17 in order to prevent progression issues. This course will be offered as a NUR 2950 special topics in nursing transition 2 course.
NUR 2005 or NUR 2004 in spring 2017	Student Unsuccessful or drops	Will require a remedial transition course (also NUR 0013-charged at full ASN tuition rate) SU17 to progress into the 3rd Semester New Curriculum (NUR 2014 or NUR 2024) – FA17 in order to prevent progression issues. This course will be offered as a NUR 2950 special topics in nursing transition 3 course. $300 course fee will apply.
NUR 2124 or NUR 2135 in fall 2017	Student unsuccessful or drops	Will require a remedial transition course (also NUR 0013-charged at full ASN tuition rate) FA17 2nd 8 weeks for NUR 2124 & SP18 1st 8 weeks for NUR 2135 to progress into the 4th Semester New Curriculum (NUR 2034 or NUR 2035) – SP18 in order to prevent progression issues. This course will be offered as a NUR 2950 special topics in nursing transition 4 course. $300 course fee will apply.

** Graduation requirement
# General education requirement
+ Must satisfy course prerequisites if minimum ACT scores not met
~ Completed within 5 years prior to ASN program entry

NOTE: Science courses with (~) must have been completed within 5 years of admission into the ASN program. Students with science courses 5 years or older will be required to take NUR 3093 Survey of Anatomy & Physiology. Student with science courses 10 years or older will be required to re-take the science courses.

NOTE: Students are required to take nationally normed tests throughout the curriculum and to make satisfactory scores on such tests. During the fourth semester of nursing courses, students may be required to take a comprehensive exit exam. If satisfactory scores are not achieved on these tests, repeat testing and remediation may be required with an additional fee before progressing and/or taking the licensure exam.

NOTE: Students with college degrees that satisfy the university's general education requirements must still complete the following general education requirements if they were not part of the previous college degree: CHE 1004 Principles of Chemistry and CIS 1103 Computer & Information Management.

NOTE: Students pursuing an ASN degree are not required to complete UNI 1111 and UNI 1121.

NOTE: Students entering the ASN program will automatically be enrolled in NUR 1010 New Student Orientation. This is a no cost/no credit course designed to familiarize the student with the program and learning management system.

NOTE: Students that are not successful in core nursing courses may be allowed to repeat the course the following semester. For those students needing to repeat a nursing course, a course has been designed to assist those students in the development of skills and strategies necessary for success in the nursing courses. (NUR 0013 Student Success Academy)

1	2		3	4
Term Roll Out	**New ASN Program Courses**		**Student Success Course & Section Currently in Catalog**	**Student Success Course Term Offered**
FA 1st 8 wks	NUR 1004 Foundations of Safe Nursing Prac	**Student unsuccessful in ASN course then required to take the student success course in order to repeat & progress**	NUR 0013 Student Success Academy S1	2nd 8 wks FA
FA 2nd 8 wks	NUR 1014 Intro to Nursing Across the Life		NUR 0013 Student Success Academy S2	1st 8 wks SP
SP1st 8 wks	NUR 1024 Pt Centered Care I		NUR 0013 Student Success Academy S3	2nd 8 wks SP
SP 2nd 8 wks	NUR 1034 Pt Centered Care II		NUR 0013 Student Success Academy S4	1st 8 wks FA
FA 1st 8 wks	NUR 2014 Adv Patient Centered Care I		NUR 0013 Student Success Academy S5	2nd 8 wks FA
FA 2nd 8 wks	NUR 2024 Adv Patient Centered Care II		NUR 0013 Student Success Academy S6	1st 8 wks SP
SP 1st 8 wks	NUR 2034 Complex Patient Centered Care		NUR 0013 Student Success Academy S7	2nd 8 wks SP
SP 2nd 8 wks	NUR 2035 Nursing Role Integration		NUR 0013 Student Success Academy S8	1st 8 wks FA

NOTE: Students that are not successful in any of the 3 Pharmacology courses (NUR 1011, 1021, or 2031), but are successful in the core nursing courses, will be allowed to retake the course one time over the following Winterfest semester or Summer semester. Successful completion will allow the student to progress in the program the following semester. The Pharmacology courses may not be taken concurrently.

Students Applying to the ASN Program

1. The student must be admitted to Southwest Baptist University (SBU). Admission to the University does not guarantee admission into the ASN program. A separate application process to the ASN program is required.
2. Provide copies of:
    a. Driver's license
    b. CPR card (if certified as BLS by the American Heart Association),
    c. Official transcripts of all college and nursing courses
    d. LPNs desiring Advanced Placement
        - Missouri LPN License in good standing
        - IV certification
    e. Paramedic Students desiring Advanced Placement
        - Missouri Paramedic License

All Applicants must comply with the following:

1. Prerequisites must be completed
    a. College Chemistry (4 credit hours),
    b. Anatomy and Physiology (8 credit hours total), and
    c. Microbiology (3 credit hours)
    (Microbiology and anatomy and physiology courses must be completed within 5 years prior to admission into the ASN program).
2. Based on transcript and ACT score evaluation, these foundational courses may be required:
    a. MAT 0123 Intermediate Algebra
    b. BIO 1004 Principles of Biology
3. Prior college credit:
    a. Minimum of C in all courses required for the ASN program
    b. Minimum of 2.7 cumulative GPA or 3.0 cumulative GPA for all program requirements.
    c. Minimum of 3.0 cumulative GPA in all science courses required for the ASN program.

   d. If repeating any course required for the ASN program, course must be completed with a grade of C or better before applying to the ASN program.
4. Students must signify that they are able to perform the functional abilities listed below. These abilities are necessary to be able to perform as a student and in the role of nurse generalist. They include the cognitive, sensory/perceptual, psychosocial/emotional, and physical principal capabilities to provide safe patient care.
5. When applicants meet the minimum qualifications, admission decisions will then be based on such factors as GPA, and interactions with faculty and staff. An interview and/or admissions testing may be required.
6. Admission is contingent upon an acceptable background check and drug screen.
7. Admission is based on space availability. Application deadlines for consideration in:
   a. August (Fall Semester) – February 1 of that same year
   b. January (Spring semester) – July 1 of previous year
8. Special consideration will be given to qualified applicants who have submitted previous or early applications.

Students admitted on a conditional acceptance status

1. Full admission is contingent upon fulfilling requirements necessary to meet the admission criteria.
2. Upon verification of meeting the specified criteria, the applicant will be notified of their full admission or changes in admission status if they have not met the necessary requirements.

Functional Abilities Necessary for Participation in the ASN Nursing Program

COGNITIVE REQUIREMENTS

A. **Academic Standards** – Comprehension and application of information and ability to assimilate it with new and previous learning to form new understandings. Student must be able to:

- Meet all program admission requirements
- Collect, analyze, and integrate information/knowledge to make clinical judgments
- Demonstrate sustained attention to respond in emergency situations
- Perform accurate math computations for safe medication administration
- Prioritize tasks quickly and accurately
- Use skill recall (long term and short term) to predict and evaluate possible patient outcomes

B. **English Communication Standard** – Ability to speak, comprehend, read, and write English at a level that meets the requirement for accurate, clear, and effective communication with patients, their families, and groups while respecting social, cultural, and spiritual diversity. Student must be able to:

- Give clear oral reports
- Read and write reports
- Read watches with second hands
- Read labels and graphs
- Negotiate interpersonal conflict
- Discriminate fine/subtle differences in medical words
- Obtain patient information in a timely manner.

SENSORY/PERCEPTUAL REQUIREMENTS

A. **Vision Standard** – Visual Acuity sufficient to observe, read, or otherwise accurately interpret visual stimuli or obtain and record client information or provide safe environment and emergency response to situations. Common aids to correct vision may be applied. Student must be able to:

- Read small print, charts, orders, medication labels, ampoules, vials, syringes, technological tools and monitoring equipment
- Accurately assess patient by using visual inspection
- Recognize emergency lights and/or equipment functions/alerts
- Recognize clarity of medications or other situations necessary for patient safety

B. **Auditory Standard** – The sense of hearing sufficient to discriminate and assign meaning to sensory input. To communicate and obtain oral communication sufficient to be understood clearly by others. Student must be able to:

- Orally communicate with patients and other members of the health care team, by phone or other means
- Elicit information
- Respond to emergency and alert sounds
- Utilize equipment that may need to be placed in both ears to hear faint sounds, tones and make rhythm interpretations

C. **Olfactory Standard** – The sense of smell necessary to discriminate and assign meaning to sensory input. Student must be able to:

- Detect odors such as that of bodily fluids or spoiled food
- Detect smoke from burning materials

D. **Tactile Standard** – Tactile ability sufficient to assess patients and to implement nursing care developed from such assessments. Student must be able to:

- Detect vibrations such as pulses, and temperature of patient skin, fluids, etc.
- Feel differences in surface characteristics such as skin turgor or rashes
- Feel differences in shape and size.

PSYCHOSOCIAL REQUIREMENTS

A. **Interpersonal Requirement** – Psychosocial skills and emotional stability and sensitivity sufficient to function while maintaining a cooperative atmosphere among other health care persons, and with patients and their families. Have the ability to respond to a variety of clinical situations with therapeutic interpersonal techniques. Student must be able to:

- Establish and maintain relationships.
- Possess the ability to function and respond with flexibility without undue anxiety in a variety of unexpected or stressful situations.
- Establish therapeutic boundaries.
- Provide emotional support to patients and their families
- Perform multiple responsibilities concurrently
- Demonstrate compassion, honesty, and concern for others.

PHYSICAL REQUIREMENTS

A. **Psychomotor Standard** – To obtain and maintain complete bilateral body motor coordination, strength, flexibility, dexterity, and balance, as well as sensory capabilities sufficient for safe and accurate assessment and performance of client care. Student must be able to:

- Adhere to infection control standards
- Provide direct patient care (i.e. walking, lifting, turning, moving patients safely during care)
- Respond in emergent situations including CPR
- The ability to manipulate technological and monitoring equipment

B. **Fine Motor Skills Standard** – Fine motor skills sufficient to perform tasks that require dexterity which are integral to patient care. The student must be able to:

- Safely dispose of needles in sharps containers.
- Accurately place and maintain the position of the stethoscope for detecting body sounds
- Manipulate small equipment and containers (i.e. syringes, vials, ampoules, and medication packaging) for safe administration

C. **Physical Endurance Standard** – Physical endurance sufficient to complete assigned periods of clinical practice. Student must be able to:

- Perform with acceptable speed as demonstrated by ability to carry out patient care assignments
- Sustain repetitive movements such as CPR
- Stand at the patient's side until the completion of surgical or other therapeutic procedures.

ASN Program Student Learning Outcomes

Upon completion of the ASN Program to continue the healing ministry of Christ, the graduate nurse will:

1. Provide compassionate, **Patient-Centered Care** in full partnership with the patient recognizing the patient's preferences, values, culture, and needs.
2. Maintain a **Safe** environment using clinical judgement in all health care settings.
3. Utilizes **Spirit of Inquiry** to identify current evidence when providing safe, quality care to patients across the lifespan.
4. Demonstrates **Teamwork and Collaboration** by effectively partnering with nursing and inter-professional teams, fostering open communication, mutual respect, and shared decision making to achieve quality patient care.
5. Exemplify **Servant Leadership** by facilitating the health, well-being, and growth of those served through personal integrity, shared values, and service.
6. Exhibit **Professionalism** within standards of practice and established ethical guidelines.

Department of Health Sciences

Certificates and Degrees in the Health Sciences

Community Paramedic Certificate (12 hours) – Currently Not Eligible for Federal Aid

Community Paramedics (CP) are members of a distinct geographical community, and by working in collaboration with the local Public Health agency, where possible, they play an important role by assessing and evaluating community services and systems in order to identify gaps in services between the community and healthcare systems and services.

Admission Requirements for Community Paramedic Certification
Program Pre-Requisites: Paramedic Licensure in the State of Missouri or in state of residency and 3 years of experience as a Paramedic working on an ALS ambulance is preferred.

In addition to admission to the University, all health sciences degree-seeking students must formally apply for admission to the College of Nursing and Health Sciences. Applicants must complete SBU admissions requirements for the program and provide a copy of current professional license or certificate, if applicable, and official transcripts of all college courses. An admission conference with a member of the Health Sciences faculty is required. All admission criterion is subject to change.

Community Paramedic Program Requirements (12 credit hours)

HSC 2001	Role of the Community Paramedic in the Health Care System	1 hour
HSC 2111	Social and Cultural Determinants of Health	1 hour
HSC 2212	Public Health and Primary Care Role of the Community Paramedic	2 hours
HSC 2314	The Community Paramedic's Role Within the Community	4 hours
HSC 2162	The Community Paramedic's Personal Safety and Wellness	2 hours
HSC 2812	Community Paramedic Clinical	2 hours

Emergency Medical Technology-Basic
Associate of Applied Science Degree (67 hours)

Those having already completed emergency medical training will be admitted to the Associate of Applied Science program on the basis of a current state-issued emergency medical license. The Associate of Applied Science degree in Emergency Medical Technology is offered in conjunction with Southwest Missouri Emergency Medical Services and Missouri Paramedical Program through Mercy Regional Health Center. Credit is granted for EMT courses upon completion of Southwest Baptist University requirements.

General Education	21 hours
Graduation Requirements	10 hours
Emergency Medical Courses	(36 hours)
Emergency Medical Training Basic	9 hours
Liberal Arts Core*	27 hours

* At least 18 hours of these must be taken from one of the following three fields: humanities, social science or science/mathematics.

Emergency Medical Technology-Paramedical
Associate of Applied Science Degree (76 hours)

Paramedics are highly trained medical professionals who respond to emergency calls. They are responsible for providing medical treatment to patients on-the-scene and during transport to a hospital or medical facility. The program consists of classroom lectures and completion of clinical and field internships. Completion of the Emergency Medical-Paramedical

Core Courses allows the student to sit for the paramedic certifying exam through the National Registry of E.M.T.s and licensing through the Missouri Department of the Bureau of Emergency Medical Services.

Admission requirements, A.A.S. in Emergency Medical Technology – Paramedical

1. High school diploma, GED, Emergency Medical Technician
2. No felony convictions (criminal background check through the Missouri State Highway Patrol)
3. Hepatitis B vaccination and current TB test prior to start of clinical
4. Students will complete applicable worksite training required by the clinical sites.
5. Students will sign and abide by confidentiality statement and receive HIPAA training prior to the start of clinical.

Prerequisite: *EMT-B licensure and admission to the program requires sponsorship by an approved ALS Agency.*

Those having already completed paramedical training* will be admitted to the Associate of Applied Science program on the basis of a current state-issued paramedical license. The Associate of Applied Science degree in Emergency Medical Technology-Paramedical is offered in conjunction with Southwest Missouri Emergency Medical Services and Missouri Paramedical Program through Mercy Regional Health Center. Credit is granted for EMT courses upon completion of Southwest Baptist University requirements. **Contact the Springfield Campus for details.**

Emergency Medical Technology – Paramedical Requirements (76 hours)

General Education ..... 21 hours
Graduation Requirements ..... 10 hours
Emergency Medical-Paramedical Core Courses ..... 45 hours

*Note: Paramedical training is the prerequisite to this degree program.

Health Sciences
Associate of Applied Science Degree (64-101 hours)

Various healthcare fields require the successful completion of coursework for a certificate program followed by successfully passing a national certification of examination. Those who complete both of these requirements are often required to complete a degree program in order to be employable.

Admission Requirements, A.A.S. in Health Sciences

Applicants need the following: a high school diploma or G.E.D., and a certificate of completion for a health field such as radiologic technology, respiratory therapy, and surgical technology.

In addition to admission to the University, all health sciences degree-seeking students must formally apply for admission to the College of Nursing and Health Sciences undergraduate Associate of Science in Health Sciences degree program. Applicants must complete SBU admission requirements for the program and provide a copy of current professional license or certificate, if applicable, and official transcripts of all college courses. An admission conference with a member of the Health Sciences faculty is required. Admission criteria is subject to change.

Prerequisite: Completion of a certificate program in a healthcare related field from an approved institution. Those having already completed a certificate program in an approved healthcare field will be admitted to the Associate of Applied Science program on the basis of a current state-issued license.

A.A.S. in Health Sciences Requirements (64 hours)

General Education ..... 21 hours
Graduation Requirements ..... 10 hours
Courses for certification in an approved healthcare field ..... 35-70 hours

Health Sciences
Associate of Science in Health Sciences Degree (69-70 hours)

The College of Nursing and Health Sciences offers courses leading to the Associate of Science in Health Sciences. The program is web-based with a number of online courses. All degree candidates are required to complete general education requirements as well as the major requirements listed below with the exception of UNI 1111 and UNI 1121.

A.S. in Health Sciences Requirements

General Education ..... 42 hours
Graduation Requirements ..... 10-11 hours
Program Requirements ..... 17 hours
+BIO 2204 Anatomy and Physiology I ..... 4 hours
BIO 2213 Microbiology ..... 3 hours
BIO/KIN 2243 Nutrition ..... 3 hours
BIO 3304 Anatomy and Physiology II ..... 4 hours
HSC 1013 Medical Terminology ..... 3 hours
+Satisfies the general education life science requirement for this degree.

Health Science Electives

Credit will be awarded toward the major requirements for students from an accredited professional program. Transfer credits will be given for applicable coursework from such fields as radiology, dental hygiene, pharmacy technology, surgical technology, physical therapy, occupational therapy, emergency medical technology, among others. Transcripts will be evaluated on an individual basis for transfer credit. Previous Health Degree or Certificate

Admission Policy, A.S. in Health Sciences

In addition to admission to the University, all health sciences degree-seeking students must formally apply for admission to the College of Nursing and Health Sciences undergraduate Associate of Science in Health Sciences degree program. Applicants must complete SBU admissions requirements for the program and provide a copy of current professional license or certificate, if applicable, and official transcripts of all college courses. Admission conference with a member of the Health Sciences faculty is required Admission criteria is subject to change.

Health Sciences
Bachelor of Science in Health Sciences Degree (128-142 hours)

The College of Nursing and Health Sciences offers a Bachelor of Science in Health Sciences. The Bachelor of Science in Health Sciences (BSHS) is a degree-completion program for allied health professionals already in an established career or for a student interested in pursuing a degree in health care. The BSHS degree is also a concurrent enrollment program for ASR students (Junior-Senior) level.

Many of the courses in the major are web-based. All degree candidates are preferred to complete general education requirements before beginning the major requirements as well as the major requirements listed below. All required major courses (HSC) will require a "C" or above to continue in the Health Sciences Bachelor of Science degree program. Students completing the BSHS degree must meet all general education (except for UNI 1111 and UNI 1121) and graduation requirements of the University.

General Education ..... **42 hours**
Graduation Requirements ..... **10 hours**

Program Requirements ..... **11 hours**
BIO 2204* Anatomy and Physiology I ..... 4 hours
BIO 3304 Anatomy and Physiology II ..... 4 hours
HSC 1013 Medical Terminology ..... 3 hours

Previous Health Degree or Certificate ..... **30-42 hours lower level hours**
***An additional 29-30 hours of lower level courses may be needed if no prior health certificate**

Health Sciences Major ..... **25 hours**

HSC 3013	Organization and Delivery of Health Care	3 hours
HSC 3453**	Spirituality in Health Care	3 hours
HSC 3563	Health Care Informatics	3 hours
HSC 4143	Research for Health Care Professionals	3 hours
HSC 4013#	Health Care in Culturally Diverse Populations	3 hours
HSC 4443	Leadership for Health Professionals	3 hours
HSC	Elective	6 hours
HSC	4441 Capstone	1 hour

* This course will satisfy the general education life science requirement for this degree.
# Approved general education alternative course
** Approved alternative for SPF 2012

Student will be required to select one of the following tracks to fulfill upper level requirements.
CT, MR, and IR tracks require ARRT certification as a prerequisite to the program.

Leadership & Administration Track- 12 hours

HSC 3003	Legal and Ethical Issues for Health Professionals	3 hours
HSC 4023	Health Care Finance	3 hours
HSC 4343	Human Resources for Health Care Professionals	3 hours
HSC 3373	Professional Health Care Practice	3 hours

Computed Tomography (CT) Track- 12 hours

HSC 3204	Computed Tomography Imaging	4 hours
HSC 3214	Computed Tomography Physics and Instrumentation	4 hours
HSC 4224	Computed Tomography Clinical Education	4 hours

Magnetic Resonance Imaging (MR) Track- 12 hours

HSC 3324	Magnetic Resonance Imaging Physics	4 hours
HSC 3334	Magnetic Resonance Imaging	4 hours
HSC 4234	Magnetic Resonance Imaging Clinical Education	4 hours

Interventional Procedures (IR) Track- 12 hours

HSC 3464	Interventional Procedures Physics and Instrumentation	4 hours
HSC 3474	Interventional Procedures Imaging	4 hours
HSC 4244	Interventional Procedures Clinical Education	4 hours

Transfer of Credit Hours

Credit will be awarded toward the major requirements for students from an accredited professional program. These hours will only be credited toward the Bachelor of Science in Health Sciences degree. Transfer credits will be given for applicable coursework after transcript evaluation from such fields as radiology, dental hygiene, pharmacy technology, surgical technology, physical therapy, occupational therapy, among others.

Previous Health Degree or Certificate ..... **30-42 lower level hours**
Previous Advanced Imaging Specialty Certification ..... **12 upper level hours**

Completion of advanced specialty imaging certification from an approved certifying body will result in a maximum of 12 upper hour division credit. The evidence of certification in advanced imaging will be evaluated by the Health Sciences Director who will notify the Registrar when the "credit for previous advanced specialty certification" should be applied. No more than 12 hours will be awarded. For example, if a student is certified in MRI and CT they will only receive credits for one of the advanced imaging certifications.

Admission Policy, B.S. in Health Sciences

In addition to admission to the University, all health sciences degree-seeking students must formally apply for admission to the College of Nursing and Health Sciences undergraduate Bachelor of Science in Health Sciences degree program. Applicants must complete SBU admission requirements for the program and provide a copy of current professional license

or certificate, if applicable, and official transcripts of all college courses. Admission conference with a member of the Health Sciences faculty is required.

Verification of liability (malpractice) insurance is needed while enrolled in the first clinical course in the BSHS program, to protect the student and the University when the student is serving in a health care capacity for any school-related project or fulfilling required clinical hours.

Students Applying to the BSHS Program

1. Complete an application packet for the BSHS program. Applicants who have attended SBU in the past but have a break of one year or longer in enrollment must reapply to SBU.
2. Provide copies of current professional license certification (if applicable), driver's license, and CPR card, along with official transcripts of all college courses.
3. New graduates of radiologic technology programs must provide an anticipated date for taking ARRT certification. Following successful completion of the ARRT examination, a copy of the certificate must be provided.
4. Admission criteria are subject to change.

Concurrently Enrolled Students

ASR students may take designated BSHS courses during the ASR program. Students may take up to six credit hours per semester. Greater than six credit hours must be approved by the Health Sciences Program Director or Dean. The BSHS courses that have been designated for concurrent enrollment in the ASR program are:

HSC 3003 Legal and Ethical Issues for Health Professionals	HSC 3453 Spirituality in Health Care
HSC 3013 Organization and Delivery of Health Care	HSC 3563 Health Care Informatics
HSC 3043 Missionary Nursing	HSC 4013 Health Care in Culturally Diverse Populations
HSC 3073 Patient Education & Health Promotion	HSC 4023 Health Care Finance
HSC 3083 Clinical Genetics	HSC 4143 Research for Health Care Professionals
HSC 3093 Survey of Human Anatomy and Physiology for Nursing and Health Sciences	HSC 4343 Human Resources for Health Care Professionals
HSC 3103 Basics of APA Writing in Health Care	HSC 4443 Leadership for Health Professionals
HSC 3202 Foundations of Learning	HSC 499(1-3) Independent Studies
HSC 3373 Professional Health Care Practice	

Functional Abilities Necessary for Participation in the BSHS Program

Applicants must demonstrate physical, emotional and mental well-being which will permit them to successfully perform the essential task of imaging professionals. The essential tasks include, but are not limited to:

1. Having sufficient strength, motor coordination, and manual dexterity to:
    a. Move, manipulate, and adjust a variety imaging equipment and accessory equipment.
    b. Lift, move, and transport patients from wheel chairs or carts to the x-ray table or the patient's bed. Assist weak ambulatory patients to the restroom, dressing room, or exam room.
    c. Communicate effectively with patients and their families in all aspects of their care. Communicate effectively, verbally and in writing, with physicians, staff members, and instructors.
2. Being capable of:
    a. Standing and walking a majority of the time during assigned hours.
    b. Giving physical and emotional support to the patient during imaging procedures. Recognizing emergency situations and providing emergency care until the physician arrives.
    c. Adapting to stressful situations related to technical and procedural standards and patient care situations.
3. Having mental, visual, or intellectual capacity to:
    a. Evaluate and critique images to identify proper patient identification, positioning, exposure factors, and technical quality.
4. Select, calculate, and manipulate exposure factors adapting to the requirements of the procedure and patient's needs with sufficient speed and accuracy

BSHS Program Educational Outcomes/Competencies

1. Communicate effectively in writing on a variety of topics related to health care.
2. Demonstrate an awareness and appreciation of the delivery of culturally competent health care.
3. Effectively communicate and acknowledge the impact of the legal, ethical, and political environment on health care policy and delivery.

4. Demonstrate the knowledge and ability to search and retrieve information and materials related to individual clinical practice issues or overall health policy concerns.
5. Describe and demonstrate management / leadership skills and theories that can be applied in preparation to lead or manage effectively in a health care environment.
6. Integrate Christian discipleship to direct, inform and guide the provision of health care services in leadership roles and in one's own discipline

Computed Tomography (CT) Outcomes

1. Demonstrate a mastery of basic radiographic medical-imaging skills and advanced medical-imaging skills in CT.
2. Demonstrate effective communication skills that provide compassionate and age-appropriate patient care.
3. Demonstrate problem-solving/critical thinking skills that provide ethical and safe patient care.
4. Demonstrate the value of professional development for patient care and medical imaging through lifelong learning that meets the needs of the medical-imaging community

Magnetic Resonance Imaging (MR) Outcomes

1. Demonstrate a mastery of basic radiographic medical-imaging skills and advanced medical-imaging skills in MRI.
2. Demonstrate effective communication skills that provide compassionate and age-appropriate patient care.
3. Demonstrate problem-solving/critical thinking skills that provide ethical and safe patient care.
4. Demonstrate the value of professional development for patient care and medical imaging through lifelong learning that meets the needs of the medical-imaging community

Interventional Procedures (IR) Outcomes

1. Demonstrate a mastery of basic radiographic medical-imaging skills and advanced medical-imaging skills in Interventional Radiography.
2. Demonstrate effective communication skills that provide compassionate and age-appropriate patient care.
3. Demonstrate problem-solving/critical thinking skills that provide ethical and safe patient care.
4. Demonstrate the value of professional development for patient care and medical imaging through lifelong learning that meets the needs of the medical-imaging community

Leadership Outcomes:

1. Develop a comprehensive set of practical skills and tools to rely on through leadership practice, to include time management, meeting management and agenda setting, group dynamics and team building.
2. Communicate effectively (utilizing written and spoken word, non-verbal language, electronic tools, and listening skills) in order to develop relationships, manage conflicts, and work across differences.
3. Demonstrate skills to engage in conflict productively and work toward conflict resolution.
4. Students will gain knowledge of diverse cultures, cross-cultural communication, the dynamics of privilege and oppression, and the uses of power between groups

Graduation Policy, A.S. A.A.S. and/or B.S. in Health Sciences
All degree candidates must meet the graduation requirements of the University. For graduation, students must have an overall 2.00 GPA. Participation in outcome assessment activities is a graduation requirement. Failure to do so will result in withholding diploma until these are completed.

Department of Radiography

Associate of Science in Radiography

Mission Statement

Mercy School of Radiologic Technology of Southwest Baptist University pursues excellence in education in a personalized Christian environment by preparing students to be competent, compassionate Radiologic Technologists.

Southwest Baptist University offers a 21 month radiography program leading to the Associate of Science in Radiography (ASR) degree. This program is offered at Mercy College of Nursing and Health Sciences, Springfield, Missouri. Graduates of the ASR program will complete requirements that lead to certification in radiography through the American Registry of Radiologic Technologists (ARRT). **Graduation from this program does not guarantee certification as a Registered Technologist Radiography [RT(R)].** The graduate of the ASR program enters the health care environment as an entry level radiographer. Graduates will have the skills and knowledge necessary in order to competently perform radiographic procedures for patients of all age groups.

Accreditation
The Associate of Science in Radiography (ASR) Program is accredited by the Joint Review Committee on Education in Radiologic Technology (JRCERT).

The Joint Review Committee on Education in Radiologic Technology
20 North Wacker Drive, Suite 2850
Chicago, IL 60606-3182
(312) 704-5300
www.jrcert.org
mail@jrcert.org

ASR Clinical Settings
ASR students obtain their clinical education through Mercy including the following clinical sites: Mercy Hospital Springfield, Mercy Orthopedic Hospital, Mercy Hospital Aurora, Mercy Clinic National (Smith-Glynn-Callaway), and Mercy Clinic Nixa. Clinical rotation schedules are subject to change.

Admission to the ASR Program

1. The student must be admitted to Southwest Baptist University (SBU). **Admission to the University does not guarantee admission to the ASR program.** A separate application process to the ASR program is required.
2. In addition, to be considered for admission to the ASR program, the following must be met:
    a. College Chemistry (4 credit hours), Anatomy and Physiology (8 credit hours total), English Composition (3 credit hours), Psychology (3 credit hours), College Algebra (3 credit hours), Introductory Computing (3 credit hours).
    b. Based on transcript and ACT score evaluation, these foundational courses may be recommended:
        i. MAT 0123 Intermediate Algebra
        ii. BIO 1004 Principles of Biology
    c. Prior college credit:
        i. Minimum of C in all courses required for the ASR program
    d. Minimum of 2.7 cumulative GPA in all college courses.
    e. Minimum of 2.7 cumulative GPA in all prerequisite courses required for the ASR program.
    f. If repeating any course required for the ASR program, course must be completed with a grade of C or better before applying to the ASR program.
3. Schedule a meeting with an admissions office representative.
4. Meet with an academic advisor for course planning.
5. Complete an ASR program application form. **ASR program application deadline is February 1st of the same year.** Only one class per year is accepted into the program with the start date in the Fall (August).
6. Students accepted into the ASR program are required to submit the following within the designated time limits: background check, drug screen, and immunization record.
7. Once a candidate has been notified of an offer for submission to the ASR Program, a nonrefundable deposit is required. This deposit will be credited to the first semester's bill and will secure the candidate's space in the program.

Admission to the ASR program is selective as a limited number of students are accepted into the program each year. Selection of students will be based on the admission criteria, interactions with faculty and staff, and space available.

Prerequisite courses may be in progress at the time of application but MUST be completed prior to the beginning of the first ASR class. Preference is given to qualified applicants who have completed the prerequisites by the application deadline.

When applicants meet minimum qualifications, admission decisions will be made based on such factors as GPA, grades in prerequisite courses, previous application, and interactions with faculty and staff.

Special consideration will be given to students enrolled at SBU, students who have previous degrees, students who have completed their prerequisite courses at SBU, employees of Mercy Hospital Springfield, and qualified applicants who have submitted previous or early applications.

Admission into the ASR program is offered to the highest-ranking candidates in the applicant pool. Once a candidate has been notified of acceptance into the program, a background check and drug screen will be required. A physical exam and verification of required immunizations must also be completed prior to the start of the ASR program.

Students are required to complete the ASR program according to the full time course schedule. General education and graduation requirement courses may be completed before the designated course sequence, but not later. To successfully progress through the ASR program, students must achieve a grade of "C" or better in each course completed during the full time course schedule (RAD prefix and general education courses). Since students progress through the ASR program as a cohort, core program courses (those with a RAD prefix) may not be repeated.

Students desiring to transfer into the ASR program from another accredited radiography program will be considered on an individual basis and must follow the application procedure. In addition, the following will need to be submitted: Radiography program transcript, clinical experience records and evaluations, and a letter from the Program Director.

Admission to the ASR program is contingent upon an acceptable background check, drug screen, and an immunization record. ASR students will be required to attend a Mercy College of Nursing and Health Sciences campus orientation prior to beginning the program and Mercy Hospital orientation prior to the beginning of Clinical I Education. Admission criteria are subject to change.

Functional Abilities Necessary for Participation in the Radiography Program

The ASR Program prepares the student for entry level radiographer. Applicants must demonstrate physical, emotional and mental well-being which will permit them to successfully perform the essential tasks of a Radiologic Technologist. The essential tasks of a Radiologic Technologist include, but are not limited to:

1. Having sufficient strength, motor coordination, and manual dexterity to:
    a. Move, manipulate, and adjust a variety of x-ray equipment, including mobile and other accessory equipment, in order to align the patient, x-ray equipment, and image receptor. Carry image receptors from the exam room to the image processor.
    b. Lift, move, and transport patients from wheel chairs or carts to the x-ray table or the patient's bed. Assist weak ambulatory patients to the restroom, dressing room, or exam room.
    c. Communicate effectively with patients and their families in all aspects of their care. Communicate effectively, verbally and in writing, with physicians, staff members, and instructors.
2. Being capable of:
    a. Standing and walking a majority of the time during assigned hours.
    b. Giving physical and emotional support to the patient during radiographic procedures. Recognizing emergency situations and providing emergency care until the physician arrives.
    c. Adapting to stressful situations related to technical and procedural standards and patient care situations.
3. Having mental, visual, or intellectual capacity to:
    a. Evaluate and critique images to identify proper patient identification, positioning, exposure factors, and technical quality.
    b. Select, calculate, and manipulate exposure factors adapting to the requirements of the procedure and patient's needs with sufficient speed and accuracy.

ASR Program Educational Outcomes/Competencies

1. **Goal:** The program will continuously monitor it effectiveness.
    a. Students will complete the program
    b. Graduates will pass the ARRT national certification exam on the 1st attempt
    c. Graduates will be satisfied with the program
    d. Employers will be satisfied with the graduates
    e. Of those seeking employment, graduates will find employment within 12 months post-graduation
2. **Goal:** Students will apply critical thinking and problem solving skills.
   Student Learning Outcomes:
    a. Students will evaluate radiographic images
    b. Students will perform non routine procedures
3. **Goal:** Students will be clinically competent.
   Student Learning Outcomes:
    a. Students will apply positioning skills
    b. Students will utilize radiation protection
    c. Students will select proper technical factors
4. **Goal:** Students will communicate effectively.
   Student Learning Outcomes:
    a. Students will communicate effectively with patients
    b. Students will demonstrate written communication skills
    c. Students will demonstrate oral communication skills
5. **Goal:** Students will grow and develop professionally.
   Student Learning Outcomes:
    a. Students will demonstrate professional behavior
    b. Students will treat everyone as a valued individual

A.S.R. Degree (82 hours including prerequisites)

Students completing the ASR program must meet these prerequisites with a minimum of a C in all courses:

ENG 1113	English Composition I #	3 hours
PSY 1013	General Psychology	3 hours
MAT 1143	College Algebra	3 hours
BIO 2204	Human Anatomy & Physiology I +~	4 hours
BIO 3304	Human Anatomy & Physiology II ~	4 hours
CIS 1103	Computer & Information Management #.	3 hours
CHE 1004	Chemistry for Allied Health (or General Chemistry or General Physics)	4 hours

Students completing the ASR program must meet the following graduation and program requirements:

BIB 1013	Old Testament History**	3 hours
BIB 1023	New Testament History**	3 hours
HSC 1003	Medical Terminology	3 hours
RAD 1103	Intro to Radiologic Technology	3 hours
RAD 1503	Radiologic Science	3 hours
RAD 1803	Radiographic Imaging I	3 hours
RAD 1812	Radiographic Imaging II	2 hours
RAD 1902	Radiation Protection & Biology	2 hours
RAD 1304	Radiographic Procedures I	4 hours
RAD 1604	Radiographic Procedures II	4 hours
RAD 1613	Radiographic Procedures III	3 hours
RAD 1912	Advanced Imaging Procedures	2 hours
RAD 1201	Contrast Agents	1 hour
RAD 1923	Radiologic Pathology & Cross-Sectional Anatomy	3 hours
RAD 1944	Curriculum Review	4 hours
RAD 2002	Clinical Education I	2 hours

RAD 2101	Clinical Education II	1 hour
RAD 2103	Clinical Education III	3 hours
RAD 2203	Clinical Education IV	3 hours
RAD 2213	Clinical Education V	3 hours
RAD 2223	Clinical Education VI	3 hours

** Graduation requirement
# General education requirement
+ Must satisfy course prerequisites if minimum ACT scores not met
~ Completed within 5 years prior to ASR program entry. Students with Human Anatomy and Physiology courses 5 years or older will be required to take HSC 3093 Survey of Human Anatomy & Physiology as a Prerequisite.

Graduation Policy, Associate Degree in Radiography

All degree candidates must meet the graduation requirements of the University. For graduation, students must have an overall 2.00 GPA. Participation in outcome assessment activities is a graduation requirement. Failure to do so will result in withholding diploma until these are completed.

DEPARTMENT OF EXTENDED LEARNING

Online, Online Independent Study (OLIS), Online Dual Credit (OLDC)
Center for Teaching and Learning
Director of Extended Learning: Dr. Scott McNeal
Assistant Director - OLIS and OLDC: David Marsch
Instructional Design, Springfield: Peggy Walden
Online Phone: (417) 328-1499
OLIS and OLDC Phone: (417) 328-1599
http://www.sbuniv.edu/academics/online-education.php

Online (OL)

SBU offers undergraduate online learning opportunities. These online undergraduate courses are semester-based (fall, winterfest, spring, and summer) and involve a community of online learners. Student should consult with and enroll directly through his or her academic advisor. Course space is limited. See the following link for more information including various forms and course availability: http://www.sbuniv.edu/academics/online-education.php.

Enrollment
See academic advisor to enroll.

Withdraw
The online learning community is dynamic when you - the learner - are intentionally present and engaged. If this is not the case and a withdrawal is the best option, then please note the following. There are TWO ways to be withdrawn from a DEL online course.

#1: You make the withdrawal request based on ONE the following:

1. Before the final online registration date. You withdraw via your academic advisor before the final registration date. Contact your advisor via phone, visit or email to make your request. If your advisor is unavailable, please follow directions listed in point (2) below.
2. On or after the final online registration date and before course begins. You withdraw by sending an email to the Department of Extended Learning. Email: LearnOnline@sbuniv.edu. Include "DEL Withdraw" in email subject line along with your full name, SBU ID#, course name and reason for the withdrawal in the email body.
3. After the course begins. After your course begins, you MUST inform the online instructor of your intent to withdraw. You must directly email the online instructor and request the withdrawal using the instructor's SBU email address provided in your course or within your initial welcome email (PDF) that was sent to your SBU email. Your instructor will process the request.

Your instructor determines your last day of attendance. There must be some type of action, such as discussion board activity, submission of an assignment, or test taken, during a course login to count as "attendance." Just logging into the class does not count as attendance without activity of some type.

If the withdrawal is before 60% of the class meetings, then a "W" will be issued by the registrar. If the withdrawal is after 60% of the class meetings, then a "W" (passing) or F (failing) will be issued. In this context the instructor must note in the email whether the learner is passing for failing.

#2: Your online instructor makes the withdrawal request.

Your involvement in the online community is very important. However, your online instructor may request your withdrawal from the online community. Your online instructor will make a reasonable attempt to communicate with you prior to this type of withdrawal via your SBU email account and/or course mail from within your course. You have the responsibility to respond to the communication.

If by the end of the first 5 days of the course, including weekends, you have not logged into the course or if your presence and activity are unreasonable and you have not requested an official withdrawal via your online instructor, your online instructor will send an email to the Department of Extended Learning requesting a withdrawal.

If the withdrawal is before 60% of the class meetings, then a "W" will be issued by the registrar. If the withdrawal is after 60% of the class meetings, then a "W" (passing) or F (failing) will be issued. In this context the instructor must note in the email whether the learner is passing for failing.

Your instructor determines your last day of attendance. There must be some type of action, such as discussion board activity, submission of an assignment, or test taken, during a course login to count as "attendance." Just logging into the class does not count as attendance without activity of some type.

Refunds
Refunds for Department of Extended Learning online follow the same guidelines for face-to-face courses. See the Tuition Refund Policy in the Financial Information section of this Catalog.

Online Dual Credit (OLDC)

SBU offers semester-based (spring and fall) Online Dual Credit (OLDC) courses. All students accepted into these courses must have at least a 3.0 GPA and be recommended by his/her principal or official designee. Dual credit courses are available only to high school students. See the following link for more information including various forms and course availability: http://www.sbuniv.edu/academics/online-education.php.

Enrollment
Secure Online Dual Credit enrollment form and see your high school dual credit coordinator or counselor by the deadline set for your school.

Withdraw and Refund
If you wish to withdraw, an official withdrawal form must be received by the Department of Extended Learning - OLDC at Southwest Baptist University by September 19th for fall semester enrollments, or February 17th for spring semester enrollments. Contact OLDC for form. If the form is received within these guidelines students will be returned their deposit, minus a $25 processing fee. If you wish to withdraw after the aforementioned dates you'll receive the non-punitive grade of W on your transcripts, and you'll receive no refund.

Online Independent Study (OLIS)

The Online Independent Study (OLIS) program offers a variety of college credit courses through web-based independent study. See the following link for more information including various forms and course availability: http://www.sbuniv.edu/academics/online-education.php.

Enrollment
Follow the guidelines set below.

Non-SBU Student
An individual not officially admitted to the University may view the courses available on the Online Independent Study web site and enroll directly through the Department of Extended Learning.

SBU Students
An SBU student may not enroll in more than two Online Independent Study courses at the same time. The Department of Extended Learning must approve any exception to this policy. It is recommended that a student take only one course at a time until he/she has found an optimum work rate. OLIS hours do count in the load limit restrictions. If a student exceeds load limit restrictions, the University will require the student to reduce load hours. When and where applicable, the student will be subject to existing OLIS withdrawal and grading policies.

Graduate Students
Prior to enrolling in any undergraduate OLIS course, an SBU graduate student (i.e., a student who has been officially admitted to a graduate program and is working on a degree) must obtain the approval of his or her academic advisor. An SBU student may not exceed the maximum credit load through enrolling in OLIS courses.

Undergraduate Students
Prior to enrolling in any OLIS course, an SBU student (i.e., a student who has been officially admitted to the University and is working on a degree), must obtain the approval of his or her academic advisor or campus director (for off campus students).

All credit is in semester hours and may be applied to the baccalaureate degree requirements (B.S., B.A., B.A.S., B.M., B.S.N.) and associate degree requirements (A.S., A.A.) provided the following stipulations are met:

1. **Student Standing** - An SBU student may enroll in OLIS provided his or her GPA has not resulted in any form of academic difficulty.

2. **Time Limits** - A minimum time of eight weeks is required for completion of a 3 credit hour OLIS course, six weeks for a 2 credit hour course, and four weeks for a 1 credit hour course. The University is not saying a course can be completed in a "minimum time"; the University is saying that a student must allow at least the minimum time (and preferably more) in which to complete the course. The maximum time allowed to complete the course, including completing examinations, is 4 months from the official date of enrollment. A one-time 2 month paid extension may be granted from the expiration of the course. OLIS must approve any exceptions to this policy.

3. **Load Limitations** - Students who have been placed on academic difficulty, special guidance, probation or have an account hold are not allowed to enroll in OLIS courses.

   OLIS hours DO count in the load limits restrictions as detailed in the University catalog under *Load Limit for Credit Hours*. If you exceed load limit restrictions, the University will require you to reduce load hours. When and where applicable, you will be subject to existing OLIS withdrawal and grading policies. If you have been placed on academic difficulty, special guidance, or probation you are not permitted to enroll in OLIS courses.

   Load limits without special permission include all college courses, OLIS, correspondence or otherwise, being taken at SBU or elsewhere. Advisors will approve schedules with additional hours when the student's GPA range is one of the following:

4. **Graduation Deadline** - All SBU (OLIS) or other (outside) correspondence course work (including examinations) must be completed and submitted for grading in accordance with regulations printed in the University Calendar (also listed in this Catalog). If all correspondence work is not completed and submitted by the appropriate date, the student's name may be removed from the graduation list and program unless prior arrangements have been made by the student through the student's college dean.

Federal Grants and Loans may be available through the Office of Financial Aid to be used toward SBU Online Independent Study. Student must meet certain eligibility criteria to qualify, just as with all Federal aid. Student must also be accepted and enrolled in an SBU program leading to an associate, bachelor's, or graduate or professional degree to be potentially eligible for Federal Student Financial Aid program funds. SBU employee tuition concession is not applicable to OLIS enrollments.

Since SBU offers only limited number of OLIS courses and does not offer a degree program through OLIS, the expectation is that only students taking regular classroom course work along with some correspondence would fit the criteria of degree seeking students through SBU.

All college credit courses listed at the SBU Online Independent Study web site are approved for veterans and other eligible persons covered in the provisions of the G.I. Bill.

Grading System
A grade represents an evaluation of your academic performance in a course and is determined by examinations and other criteria. Course grades are defined as follows: "A", excellent; "B", above average; "C", average; "D", a minimum passing; and "F", failure. The "F" grade carries no credit. A "W" is assigned if you withdraw during the second through fourth month after enrollment.

An "NC" (non-completion) grade is assessed when there is no official withdrawal or course work is not completed by the end of the first enrollment or extension dates. Your instructor may use letter grades, numerical grades, or S (satisfactory) and U (unsatisfactory) to indicate the quality of work on your assignments. Consult your course syllabus for specific details.

Grade Points
Each semester hour of credit is valued in grade points as follows: A, four points; B, three points; C, two points; D, one point; F, no points. W and NC grades are not assigned quality points and are not considered in computing a your grade point average.

Grade Documentation
An enrollment beginning on or after January 1 or on or before May 31 will be considered a spring enrollment (SC). An enrollment beginning on or after June 1 or on or before August 31 will be considered a summer enrollment (MC). An enrollment beginning on or after September 1 or on or before December 31 will be considered a fall enrollment (FC). NOTE: An OLIS enrollment begins immediately at the time of registration. There is no pre-registration in OLIS courses. Official OLIS begin and end dates may look different than what appears in the University administrative system. A final grade will be documented using the original enrollment period as defined above. The Registrar performs grade documentation.

Grade Record and Transcript
The Department of Extended Learning maintains enrollment records. When a student completes all course assignments and examinations, the Department of Extended Learning will enter the student's final grade into the University's permanent student record system. Grades will be reported as follows:

No grade report	All students who request (in writing) a refund within 30 days of enrollment.
W	Assigned to all students who submit an official withdrawal form during months 2-4 of the enrollment.
NC	Assigned to all students who do not officially withdraw and who do not complete all course requirements by the end of the 4-month enrollment or by the end of the official 2-month extension.
A,B,C,D,F	Assigned to all students who complete all requirements for a course within 4 months (or 6 months with the extension).

Withdraw
To cancel or withdraw officially from a course, a student must submit a withdrawal form to the Department of Extended Learning. The withdrawal form can be found on the OLIS website. The postmark or electronic send date will be used as the withdrawal date. A student may officially withdraw from a course at any time during the first four months or six months if the course was extended. No grade will be recorded for a student requesting a refund during the first 30 days. The grade of W will be assigned to a student if he or she withdraws during the second through fourth month after enrollment. The W is recorded on the official SBU transcript but does not affect the grade point average. If a student does not complete all assignments and exams within his or her course enrollment period and does not request an extension, he or she will be withdrawn automatically and assigned an NC. If a student withdraws from a course after 30 days from the date of enrollment, he or she will not receive a refund.

Refund
A tuition refund may be granted for partial or full enrollment cancellation providing you (1) contact the Department of Extended Learning - OLIS in writing. Refunds on the tuition charge will be according to the following schedule:

From Date of Enrollment: 0-30 days: 100% of tuition. After 30 days: No refund

No refunds are given for the handling or course extension fee.

The refund policy for first semester SBU students will be the same as the institutional refund policy. If registration tuition and fees have been paid by personal check, SBU will hold the refund request for 30 days from enrollment date to assure that the check clears the bank. All refunds are paid by SBU's Office of Accounting Services and require one week for processing.

If the bank for any reason returns a check to the University, you will be informed by mail of your obligation to pay the amount due. You will be assessed the current service charge.

COURSE DESCRIPTIONS - UNDERGRADUATE

Undergraduate courses offered by SBU are divided into four categories.
In general, the following may be considered guidelines:

1. 1000 level courses are primarily for freshman students. Courses with the number 1951, 1952, 1953, 1954, or 1955 meet the general education requirement for that area.

2. 2000 level courses are primarily for sophomore students and those students with essential prerequisites or backgrounds.

3. 3000 level courses are primarily for junior students and those students with essential prerequisites or backgrounds.

4. 4000 level courses are primarily for senior students and those students with essential prerequisites or backgrounds.

ACCOUNTING

ACC 2013. Principles of Financial Accounting - 3 hours (Fall, Spring)
An introduction to the concepts and principles underlying accounting and financial information as used in operating a business. Basic fundamentals of financial accounting from both a preparer's and a user's perspective will be presented. The impact of business events on an entity's financial position will be emphasized through an understanding of an organization's operating, investing, and financial activities. Prerequisite: 24 credit hours completed.

ACC 2043. Principles of Managerial Accounting - 3 hours (Fall, Spring)
A study of managerial accounting that focuses on the role of accounting in the improvement of management practices and pays specific attention to: cost accumulation, cost behavior, accounting analysis, budgeting, management decision-making and control, time-value-of-money and capital budgeting. Prerequisite: ACC 2013.

ACC 295(1-4). Special Topics in Accounting - 1-4 hours (On demand)
Topics will vary with each offering; therefore, the course may be repeated for credit. Note: Depending on the topic, there may be an additional fee.

ACC 3023. Managerial Cost Accounting - 3 hours (Fall)
Emphasizes cost accumulation by specific order, process, and overhead cost methods as managerial tools in planning, monitoring, and controlling organization activities. Additional focus is on the improvement of management practices through understanding the behavior of costs, budgeting, and accounting analysis. Prerequisite: ACC 2043.

ACC 3024. Intermediate Accounting I - 4 hours (Fall)
Comprehensive study of current accounting principles and their application to the measurement and the reporting of assets and liabilities with emphasis on their effect on income and expense recognition. The concept of time-value-of-money as it relates to accounting is introduced. Prerequisite: ACC 2043.

ACC 3033. Accounting Information Systems - 3 hours (Spring)
Study of manual and computerized accounting information systems, business processes and their documentation, and the resulting transaction cycles to process accounting information of businesses and organizations. The course will emphasize the identification of risks in the accounting information system and the development and documentation of proper internal controls for the system in order to mitigate and control identified risks. Prerequisite: ACC 2043.

ACC 3034. Intermediate Accounting II - 4 hours (Spring)
Continuation of ACC 3024 with emphasis on the liability and the stockholders' equity sections of the balance sheet. Includes a study of financial statement analysis, the cash flow statement, and specific accounting issues such as investments, revenue recognition, income tax accounting, pensions/post-retirement benefits, leases, accounting changes and errors, earnings per share and segment reporting. Prerequisite: ACC 3024.

ACC 3063. Tax Accounting I - 3 hours (Fall)
Course deals with federal tax laws. Primary emphasis placed upon research of federal tax treatment and tax planning of business transactions in the preparation of individual tax returns. Prerequisite: ACC 2043.

ACC 3073. Tax Accounting II - 3 hours (Spring)
Continuation of ACC 3063. Course deals with federal tax laws as they pertain to partnerships, corporations, gifts, estates and trusts. Special emphasis on research of tax treatment and tax planning of capital changes, securities, foreign income and specially taxed entities. Prerequisite: ACC 3063.

ACC 3111. Financial Information Applications & Analysis Using Excel – 1 hour (Spring)
A study of data organization, management, and analysis as they relate to accounting systems. This class focuses on the use of the Excel software applications to facilitate and improve financial and managerial accounting systems, and the use of the information therein to assist the organization in achieving its objectives. Prerequisite: ACC 2043 and 3.0 GPA in all ACC classes.

ACC 3133. Financial Information Applications & Analysis – 3 hours (Winterfest)
A study of data organization, management, and analysis as they relate to accounting systems. This class focuses on basic forensic accounting principles, the use of software applications such as Excel, ACL, and other G/L software to facilitate and improve financial and managerial accounting systems, and the use of the information therein to assist the organization in achieving its objectives. Prerequisite: ACC 3024.

ACC 3211. Financial Information Applications & Analysis Using ACL (Auditing) Software– 1 hour (Spring)
A study of data organization, management, and analysis as they relate to accounting systems. This class focuses on basic forensic accounting principles, the use of ACL and similar software to facilitate and improve financial and managerial accounting systems, and the use of the information therein to assist the organization in achieving its objectives. Prerequisite: ACC 3024.

ACC 3311. Financial Information Applications & Analysis – Quickbooks & G/L Software- 1 hour (Spring)
A study of data organization, management, and analysis as they relate to accounting systems. This class focuses on the use of Quickbooks or other G/L software to facilitate and improve financial and managerial accounting systems, and the use of the information therein to assist the organization in achieving its objectives. Prerequisite: ACC 2043 and 3.0 GPA in all ACC classes.

ACC 4013. Advanced Accounting - 3 hours (Fall)
Study of financial accounting principles as applied to partnerships, consolidations, foreign exchange and selected specialized areas of accounting practice. Prerequisite: ACC 3034.

ACC 4021. CMA Review: Financial Planning, Performance and Control - 1 hour (Fall, Spring, Summer, Winterfest)
A self-study review of general business issues in the areas of business economics, global business, internal controls, quantitative methods and financial statement analysis. Fee: $10.

ACC 4031. CMA Review: Financial Decision Making - 1 hour (Fall, Spring, Summer, Winterfest)
A self-study review of management accounting methods, including budget preparation, cost management, information management, performance measurement and external financial reporting. Fee: $10

ACC 4044. Auditing - 4 hours (Spring)
Emphasis on the objectives of audits, duties and obligations of the auditor, principles and procedures utilized in conducting a financial statement audit. Prerequisite: ACC 3034.

ACC 4053. Accounting for Government and Not-For-Profit Entities - 3 hours (Spring)
Study of the accounting principles applicable to federal, state and local government units and other not-for-profit organizations; emphasis on the use of funds in recording and analyzing unit operations. Prerequisite: ACC 3024.

ACC 4061. CPA Review: Auditing and Attestation - 1 hour (Fall, Spring, Summer, Winterfest)
A self-study review of current financial statement auditing and attestation principles, objectives, and procedures. Prerequisite: 23 hours of accounting. Fee $10.

ACC 4071. CPA Review: Financial Accounting and Reporting - 1 hour (Fall, Spring, Summer, Winterfest)
A self-study review of current financial accounting standards and procedures to account for and report financial transactions and events of organizations. Prerequisite: 23 hours of accounting. Fee $10.

ACC 4081. CPA Review: Regulation - 1 hour (Fall, Spring, Summer, Winterfest)
A self-study review of regulatory issues such as federal taxation, business law, and ethics as it relates to the accounting profession. Prerequisite: 23 hours of accounting. Fee $10.

ACC 4091. CPA Review: Business Environment and Concepts - 1 hour (Fall, Spring, Summer, Winterfest)
A self-study review of general business issues and concepts needed to understand the business reasons for, and accounting implications of, business transactions. Prerequisite: 23 hours of accounting. Fee $10.

ACC 4113. Managerial Accounting – 3 hours (Fall)
The application of accounting principles and techniques to managerial planning and controlling activities. Areas emphasized will include behavior of cost, budgeting, accounting analysis, and improving managerial tools used in decision making. Prerequisite: ACC 2043/5013, to receive graduate credit must already be enrolled in the MBA. Fee $150.

ACC 495(1-4). Intensive Studies in Accounting - 1-4 hours (On demand)
Topics vary with each offering; therefore, the course may be repeated for credit.

ACC 498(1-3) Internship in Accounting - 1-3 hours (Fall, Spring, Summer, Winterfest)
Academically planned and supervised work experience in areas of the student's major within business or other organizations, approved by the faculty advisor and department chair as an enhancement to the student's educational preparation at SBU. Written reports will be required of the student and performance reports from the employer. A maximum of six semester hours of internships may be applied to the major. Prerequisites: 60 hours completed.

ACC 499(1-3). Independent Study in Accounting - 1-3 hours (On Demand)
Independent study of some problem or area not covered in organized courses under the direction of a department member in whose field of specialization the problem area lies. Prerequisites: 3.00 GPA in major field, and 60 hours completed.

ART

ART/FAR 1013. Introduction to Art – 3 hours (Fall, Spring)
An introduction to art from all historical periods to help the non-art and art major develop an understanding of the role of art in the life of man and the value of art to the individual. Required for art majors. Course fee $30.

ART 1103. Design - 3 hours (Fall)
An introduction to basic two-dimensional visual design through the use of traditional materials and tools to investigate line, shape, value, texture and color with an emphasis on spatial relationships.

ART 1203. Drawing I - 3 hours (Fall, Spring)
An introduction to traditional drawing through an understanding of basic principles of composition, proportion and perspective. Emphasis on representational drawing, drawing methods and drawing tools and materials.

ART 2003. Photography I - 3 hours (Fall, Spring)
An introduction to the use of camera technique and photograph processing. Emphasis on creative photographic composition, editing, critique and presentation of printed work. Lab fee $55.

ART 2013. Ceramics I - 3 hours (Fall)
An introduction to basic clay production techniques including hand-building, wheel-throwing and basic glazing applications. Lab fee $55.

ART 2023. Sculpture I - 3 hours (Spring)
An introduction to basic three-dimensional design, principles, concepts and production techniques. Lab fee $55. Prerequisite: ART 1103.

ART 2033. Painting I - 3 hours (Fall, Spring)
An introduction to basic water-based painting on canvas with an emphasis on representational, painterly composition. Prerequisite: ART 1103, 1203.

ART 2203. Drawing II - 3 hours (Fall, Spring)
An intermediate drawing course through creative use of, and experimentation with, a variety of drawing media. Prerequisite: ART 1203.

ART 2703. Introduction to Graphic Design - 3 hours (Fall, Spring)
Introduction-level course to be concerned primarily with basic issues and topics in graphic design. The course will introduce vector-based, paint-based, and layout-capable software applications through studio lecture, in-class exercises, and a variety of project assignments. Lab fee $55. Prerequisite: ART 1103.

ART 2803. Art History I - 3 hours (Fall)
Illustrated study of architecture, painting, sculpture and applied arts from prehistoric times to the Italian Renaissance.

ART 2813. Art History II - 3 hours (Spring)
Illustrated study of architecture, painting, sculpture and applied arts from 14th through 20th century.

ART 3003 Life Drawing - 3 hours (Fall)
An advanced drawing course with a concentration on the representation of the human figure. Lab fee $35. Prerequisites: ART 1103 and 1203.

ART 3013. Ceramics II - 3 hours (Fall)
An intermediate study of ceramic techniques with emphasis on wheel-throwing, glaze-testing and surface treatment. Lab fee $55. Prerequisite: ART 2013.

ART 3023. Sculpture II - 3 hours (Spring)
Development of techniques in a variety of three-dimensional projects. Emphasis on artistic creativity. Lab fee $55. Prerequisite: ART 2023.

ART 3033. Painting II - 3 hours (Fall)
An intermediate exploration of painting with an emphasis on creative approaches to imagery, content and technique. Prerequisite: ART 2033.

ART 3043. Graphic Design Production - 3 hours (Spring)
Graphic design course to be concerned primarily with pre-press issues and topics, graphic design production and finishing methods, publication matters, and basic time-based media development. Lab fee $55. Prerequisite: ART 2703.

ART 3103. Printmaking - 3 hours (Fall, Spring)
A course concerned primarily with commercial printing and/or traditional printmaking issues and topics. Lab fee $55. Prerequisite: ART 2703.

ART 3203. Advanced Drawing Studio I - 3 hours (Fall, Spring)
An advanced, traditional drawing course with an emphasis on artistic creativity. Prerequisite: ART 2203.

ART 3213. Advanced Drawing Studio II - 3 hours (Fall, Spring)
An advanced, traditional drawing course with an emphasis on artistic creativity. Prerequisite: ART 3203.

ART 3323. Photography II - 3 hours (Fall)
An intermediate exploration of photography with an emphasis on commercial approaches to imagery, content and technique. Lab fee $55. Prerequisite: ART 2003.

ART 3403. Advanced Ceramics Studio I - 3 hours (On demand)
An advanced study of ceramics with an emphasis on advanced ceramic techniques, glaze calculation and artistic creativity. Lab fee $55. Prerequisite: ART 3013.

ART 3413. Advanced Ceramics Studio II - 3 hours (On demand)
An advanced study of ceramics with an emphasis on advanced ceramic techniques, glaze calculation and artistic creativity. Lab fee $55. Prerequisite: ART 3403.

ART 3503. Advanced Sculpture Studio I - 3 hours (On demand)
Advanced problems in three-dimensional media. Emphasis on creativity. Lab fee $55. Prerequisite: ART 3023.

ART 3513. Advanced Sculpture Studio II - 3 hours (On demand)
Continuation of ART 3503. Lab fee $55.

ART 3603. Advanced Painting Studio I - 3 hours (On demand)
Advanced studies in studio problems. Time and topic arranged by student and instructor. Prerequisite: ART 3033.

ART 3613. Advanced Painting Studio II - 3 hours (On demand)
Continuation of ART 3603.

ART 3703. Graphic Design Concepts - 3 hours (Fall)
Intermediate-level graphic design course to be concerned primarily with related inter-media projects ranging from traditional print designs, to simple packaging, and basic visual presentation development. Lab fee $55. Prerequisite: ART 3043.

ART 3713. Graphic Design Portfolio I - 3 hours (Fall)
Advanced team-oriented graphic design course to be concerned primarily with professional issues and topics in visual communication design. Work development for the course will necessarily build upon both conceptual and pragmatic understandings developed in Graphic Design Studio Production and Graphic Design Concepts. All projects assigned will involve design studio-business issues and topics. Continuation of ART 3703. Lab fee $55.

ART 3723. Digital Imaging Concepts - 3 hours (Spring)
Concentrated study of image-based visual communication concepts and studio techniques. Lab fee $55. Prerequisite: ART 2703.

ART 3813. Fibers - 3 hours (Spring)
An introduction to the knowledge of various fibers and their use. Course fee $55. Prerequisite: ART 1103.

ART 4001. Senior Seminar (capstone/senior show) – 1 hour (Fall, Spring)
This course is designed to facilitate preparation and presentation of the Senior Show. It should be taken in the last semester of coursework for both General Art and Commercial Art majors. Art Education majors cannot take this course the semester of student teaching; generally, it should be taken the semester before student teaching. A portion of this class will also be used to facilitate student preparation and departmental assessment of the Senior Portfolio Review prior to the Senior Show or Exit Exhibition. Course fee $30.

ART 4003. Computer Application/Commercial Art (Fall, Spring)
Selected problems for the advanced graphic design student. This course may be repeated for a total of 12 credit hours and may be used as art core and/or general electives. Lab fee $55. Prerequisite: ART 3043.

ART 4203. Advanced Drawing Studio III - 3 hours (On demand)
Continuation of ART 3213.

ART 4213. Advanced Drawing Studio IV - 3 hours (On demand)
Continuation of ART 4203.

ART 4303. Photography Senior Project - 3 hours (Spring)
Advanced-level imaging course developed to display advanced student achievement. Work developed for the course will build upon previous coursework in digital imaging. The course will consist of two major parts: Each student will propose and develop an approved, in-depth professional quality visual communication concept. In addition, each student will develop and provide a profession-oriented portfolio for exit review. Lab fee $55. Required for completion of Digital Imaging concentration in Commercial Art.

ART 4313. Photography Portfolio - 3 hours (Fall)
Advanced-level digital imaging course to be concerned primarily with professional issues and topics in visual communication design. Work developed for the course will necessarily build upon both conceptual and practical understandings developed in previous coursework. All projects assigned will involve studio-business issues and topics. Emphasis on individual portfolio development. Lab fee $55. Required for completion of Digital Imaging concentration in Commercial Art.

ART 4403. Advanced Ceramics Studio III - 3 hours (On demand)
Continuation of ART 3413. Lab fee $55.

ART 4503. Advanced Sculpture Studio III - 3 hours (On demand)
Continuation of ART 3513. Lab fee $55.

ART 4603. Advanced Painting Studio III - 3 hours (Fall, Spring)
Continuation of ART 3613.

ART 4613. Advanced Painting Studio IV - 3 hours (Fall, Spring)
Continuation of ART 4603.

ART 4703. Graphic Design Senior Project - 3 hours (Fall)
Advanced-level graphic design studio course developed to display advanced student achievement. Work developed for the course will build upon both conceptual and pragmatic understandings developed in Graphic Design Studio Production, Graphic Design Concepts, and Graphic Design Portfolio. The course will consist of two major parts: Each student will propose and develop an approved, in-depth professional quality visual communication concept. In addition, each student will develop and provide a profession-oriented portfolio for exit review. Lab fee $55. Required for completion of Graphic Design concentration in Commercial Art.

ART 4713. Graphic Design Portfolio II - 3 hours (Spring)
Advanced graphic design course to be concerned primarily with professional issues and topics in visual communication design. Work developed for the course will necessarily build upon both conceptual and practical understandings developed in Graphic Design Studio Production, Graphic Design Concepts, and Graphic Design Portfolio I. All projects assigned will involve design studio-business issues and topics. Continuation of ART 3713. Emphasis on individual portfolio development. Lab fee $55.

ART 495(1-4). Intensive Studies in Art - 1-4 hours
Selected problems for the advanced student in one topic. Lab fee of $55 required for topics in ceramics, sculpture, photography, printmaking, and graphic design.

ART 4963. Practicum in Commercial Art - 3 hours (On demand)
Prerequisite: 30 hours completed.

ART 4983. Internship in Commercial Art - 3 hours (On demand)
On the job training in a professional setting. Prerequisite: ART 3713 and 72 hours completed.

ART 499(1-3). Independent Studies - 1-3 hours (Fall, Spring)
Advanced studies or creative art projects with specific topics approved by department chair. Lab fee of $55 required for topics in ceramics, sculpture, photography, printmaking, and graphic design.

Methods of Teaching Art, K-12 (Fall)
(See EDU 4512)

ATHLETIC TRAINING

ATH 2013. Intro to Athletic Training - 3 hours (Fall)
Prepares athletic training students (ATS) for a proactive approach to athletic health care. Introductory issues include the profession and history of AT, ethics, the professional literature, epidemiology, pre-participation physical, conditioning and strength training, pharmacology, environmental conditions, protective devices, regulations and the law, emergency care, documentation, and nutritional aspects of sports performance. Course fee $62.

ATH 3013. Athletic Training Techniques I - 3 hours (Fall)
Prepares ATS for basic care and prevention of athletic injuries to include the identification of common physical disorders, sports trauma, typical injury management, taping, bracing and medical documentation. Course fee $62. Prerequisite: ATH 2013.

ATH 3022. Athletic Training Practicum I - 2 hours (Fall)
ATS will learn and integrate athletic training principles and skills in a practical environment typically done on the campus of SBU with intercollegiate athletics. Course fee $62. Prerequisite: ATH 2013.

ATH 3033 Functional Anatomy – 3 hours (Fall)
Prepares the ATS to the concepts, terminology, and basic structure of the human body. Dissection of the body will use the electronic media to determine the muscular structure of origin, insertion, innervations and how it connects to functional movement. Emphasis on providing fundamental knowledge of the structure/function of the musculoskeletal system, peripheral nervous system, ligamentous, joint capsular, and vascular supply to the trunk, head neck, limbs, and back. Prerequisite: ATH 3093

ATH 3093 Emergency Medicine – 3 hours
Prepares the ATS in the basics of emergency care focused on sports injuries. It is a comprehensive course for the athletic trainer who must initially evaluate and stabilize an athlete in a trauma situation. The course teaches rapid assessment, resuscitation, packaging and transportation of injured athletes. Prerequisites: ATH 2013

ATH 3103. Sports Performance - 3 hours (Spring)
Prepares the ATS to effectively manage the health care of the athlete by recognizing and implementing appropriate strategies to enhance sports performance based on sound physiological principles including the use of drugs in sports performance, nutritional aspects, strength and resistive training, and anaerobic/aerobic training. Prerequisite: ATH 3013.

ATH 3114. Athletic Training Evaluation: Above Diaphragm - 4 hours (Spring)
Prepares the ATS to properly identify, examine and assess athletic injuries to the head, spine, upper extremity, and thorax. This course has a laboratory component with three lectures and one laboratory each week. Lab fee $62. Prerequisite: ATH 2013.

ATH 3122. Athletic Training Practicum II - 2 hours (Spring)
ATS will learn and integrate athletic training principles and skills in a practical environment typically done on the campus of SBU with intercollegiate athletics. This is an expansion of ATH 3022 Athletic Training Practicum I with increased roles and responsibilities. Prerequisite: ATH 3022.

ATH 3124. Athletic Training Evaluation: Below Diaphragm - 4 hours (Fall)
Prepares the ATS to properly identify, examine and assess athletic injuries to the lower extremity, abdomen, and general medical conditions. This course has a laboratory component with three lectures and one laboratory each week. Lab fee $62. Prerequisite: ATH 3114.

ATH 3133. Pharmacology - 3 hours (Spring)
Prepares the athletic training student to understand the physiology of pharmaceuticals, indications, contraindications and diverse side effects of common pharmaceuticals utilized within the athletic realm. Prerequisite: ATH 3013.

ATH 3143 General Medical Conditions and Pathologies – 3 hours (Fall)
Prepares the ATS in the understanding of etiology, pathogenesis, morphology, local effects, systemic manifestations, clinical significance, predisposition, and prevention of general medical conditions encountered in the athletic training setting. Prerequisites: ATH 3114

ATH 4014. Therapeutic and Sports Performance Modalities - 4 hours (Spring)
Prepares the ATS to choose and effectively utilize the proper therapeutic modality to manage signs and symptoms commonly associated with athletic injuries and sports performance including thermal, electrical, sound, biofeedback, and mechanical. This course has a laboratory component with three lectures and one laboratory each week. Lab fee $62. Prerequisite: ATH 3124.

ATH 4022. Athletic Training Practicum III - 2 hours (Fall)
ATS will learn and integrate athletic training principles and skills in a practical environment typically done on the campus of SBU with intercollegiate athletics. This is an expansion of ATH 3122 Athletic Training Practicum II with increased roles and responsibilities of the ATS. Course fee $62. Prerequisite: ATH 3122.

ATH 4034. Sports Rehabilitation - 4 hours (Spring)
Prepares the ATS to select, implement and manage the most effective rehabilitative procedures for a given athletic injury to restore lost function to the athlete so that the individual may return safely to the desired field of competition. The psychosocial aspects of injury will be presented. This course has a laboratory component with three lectures and one laboratory each week. Lab fee $62. Prerequisite: ATH 3124.

ATH 4113. Athletic Training Administration - 3 hours (Spring)
Introduces the ATS to basic administrative skills and techniques to successfully manage the health care of the athlete. Topics include organizational theory, program management, financial resource management, facility planning, information management, insurance implications, and legal issues. Prerequisite: ATH 4023.

ATH 4122. Athletic Training Practicum IV - 2 hours (Spring)
ATS will learn and integrate athletic training principles and skills in a practical environment typically done on the campus of SBU with intercollegiate athletics. This is an expansion of ATH 4022 Athletic Training Practicum III with increased roles and responsibilities of the ATS. An emphasis will be placed on the rehabilitation and modalities domains. Prerequisite: ATH 4022.

ATH 4133. Psychosocial Strategies- 3 hours (Spring)
ATS will learn a theoretical sound basis for the integration of psychosocial aspects related to athletic training and provide useful tools to enhance their clinical practice. Prerequisite: ATH 4022.

ATH 4223. Functional Movement - 3 hours (Fall)
Prepares the ATS in the development of skills in assessment procedures and therapeutic intervention addressing functional movement, gait, posture and common pathologies that exist in human motion and function within the context of athletic performance. Prerequisites: ATH 4034

ATH 4833. Evidenced Based Practice - 3 hours (Fall)
Prepares the ATS with the knowledge, skills and abilities necessary to make independent judgments about the validity, results, and application of clinical research and to implement evidence-based clinical practice in their careers. This course will focus on the concepts of evidence-based practice with emphasis on forming answerable clinical questions and effective literature search strategies. Prerequisites: ATH 4014

ATH 4963. Athletic Training Field Experience I - 3 hours (Fall)
Athletic Training students (ATS) will apply the knowledge and skills they have acquired from the academic and clinical practicum courses previously taken. All application will take place in the intercollegiate athletic training setting. Prerequisite: ATH 4122.

ATH 4973. Athletic Training Field Experience II - 3 hours (Spring)
Athletic Training students (ATS) will apply the knowledge and skills they have acquired from the academic and clinical practicum courses previously taken. All application will take place in the intercollegiate athletic training setting. Prerequisite: ATH 4122.

BIBLE

BIB 1013. Old Testament History - 3 hours (Fall, Spring)
A study of the history of Israel in the Old Testament with attention given to historical background, literary features, theological teaching, and contemporary relevance.

BIB 1023. New Testament History - 3 hours (Fall, Spring)
A study of the life of Jesus and the founding of the church in the New Testament with attention given to historical background, literary features, theological teaching, and contemporary relevance.

BIB/HON 1223. Honors New Testament History – 3 hours (Spring)
A study of the life of Jesus and the founding of the church in the New Testament with attention given to historical background, literary features, theological teaching, and contemporary relevance. Prerequisite: Enrollment in the Dutile Honors Program or a minimum composite ACT of 28 or its SAT equivalent.

BIB 2093. Methods of Biblical Interpretation - 3 hours (Fall, Spring)
Introduction to the task of interpreting the Bible in its literary and historical context and applying its teaching to modern life. Particular attention is given to principles concerning the qualifications and presuppositions of the interpreter, the nature of prose and poetic literature, and the character of the various genres found in both testaments. Prerequisites: BIB 1013 and BIB 1023.

BIB 295(1-3). Special Topics in Bible - 1-3 hours
Exegetical studies of key biblical passages (the course may be taken more than once). Prerequisite: BIB 1013 or 1023 or concurrent enrollment.

BIB 3023. The Jewish Backgrounds of the New Testament - 3 hours (On demand)
An advanced study of Judaism during the intertestamental period, with special attention given to the political, literary, cultural and theological developments that affect the New Testament and its interpretation. Prerequisites: BIB 1013, BIB 1023.

BIB 3033. Old Testament Hymnic and Wisdom Literature - 3 hours (Spring, even years)
Historical and exegetical study of the hymnic and wisdom literature in the Old Testament: Job, Psalm, Proverbs, Ecclesiastes and Song of Solomon. Prerequisite: BIB 1013.

BIB 3043. Pentateuch - 3 hours (Spring, odd years)
Study of the first five books of the Bible with special attention given to introductory problems related to the Pentateuch. Prerequisite: BIB 1013.

BIB 3053. Early Pauline Epistles - 3 hours (Fall, odd years)
Historical and exegetical study of Paul's epistles to the Thessalonians, Corinthians and Galatians. Prerequisite: BIB 1023.

BIB 3063. Later Pauline Epistles - 3 hours (Fall, even years)
Historical and exegetical study of Romans, Paul's prison and pastoral epistles. Prerequisite: BIB 1023.

BIB 3083. Hebrews and General Epistles - 3 hours (Spring, even years)
Historical and exegetical study of Hebrews and the general epistles. Prerequisite: BIB 1023.

BIB 4003. Archaeology and the Bible - 3 hours (Spring, even years)
An introduction to the methods and results of archaeology in relation to the Bible. Prerequisites: BIB 1013 and 1023.

BIB 4023. Life and Teachings of Christ - 3 hours (Spring, odd years)
Study of life and teaching of Christ as presented in the four gospels. Prerequisites: BIB 1023 and 64 hours completed

BIB 4043. Old Testament Prophetic Books - 3 hours (Fall, odd years)
Study of selected Prophetic Books of the Old Testament with attention given to exposition of their content, discernment of their theological significance, and discussion of scholarly issues. Prerequisites: BIB 1013 and 64 hours completed.

BIB 4053. Old Testament Historical Books - 3 hours (Fall, even years)
Study of the Historical Books of the Old Testament with attention given to exposition of their content, discernment of their theological significance, and discussion of scholarly issues. Prerequisites: BIB 1013 and 64 hours completed.

BIB 4063. Intercultural Theologizing - 3 hours (Semester Abroad)
A study of how cultural and social convictions influence religious expressions, how the biblical message engages all cultures, and how the student's overseas context requires cross-cultural application of the gospel.

BIB/THE 4073. New Testament Theology – 3 hours
An introduction to the discipline of biblical theology as it is undertaken in relation to the New Testament. Included is a discussion of methods, attendant methodological and hermeneutical problems, and possible results in a survey of the theology of the New Testament. Can also be taken for theology credit. Prerequisite: BIB 2093.

BIB 4083. The Parables of Jesus – 3 hours (On demand)
A critical exegetical study of the parables of Jesus, with special attention given to the history of parables research, the nature of a parable as a literary form, the historical and cultural background of the parables of Jesus, and exploration of their contemporary meaning and relevance. Prerequisite: BIB 2093.

BIB 495(1-4). Intensive Studies in Bible - 1-4 hours
Investigation of selected books of the Bible and/or biblical themes. Areas of study will vary from year to year (the course can be taken more than once.) Prerequisites: BIB 1013 and 1023 and 64 hours completed.

BIOLOGY

BIO 1004. Principles of Biology - 4 hours (Fall, Winterfest, Spring, Summer)
An introductory, multifaceted survey of biology including: cell theory, genetics, evolutionary theory, survey of living organisms, ecology, and human biology. Three lectures and one laboratory each week. Lab fee $56.

BIO 1111. Biology Colloquium - 1 hour (Fall, Spring)
Presentation and discussion of biological topics, current events, and opportunities in the field. One lecture each week. Course fee $22.

BIO 1115. Honors Biology - 5 hours (On demand)
An honors-level course presenting the basic facts and principles of biology. Topics covered will include cell structure and function, genetics, plant structure, physiology and animal anatomy and physiology. Four lectures, one lab each week. Lab fee $60. Prerequisite: ACT score of 25 in Science Reasoning.

BIO 2134. General Zoology - 4 hours (Spring)
An introduction to the principles of classification of animals. Animal life will be examined with respect to cell organization, genetics, evolution, anatomy/physiology, and interaction of animals with their environment. Three lectures; one laboratory each week. Lab fee $56. Prerequisite: BIO 1004.

BIO 2204. Human Anatomy and Physiology I - 4 hours (Fall)
An introduction to the study of form and function of the human body. This course is the first in a two-semester sequence. Particular attention will be given to the study of cells, tissues, and metabolism, as well as the skeletal, muscular, respiratory and digestive systems. Three lectures, one laboratory each week. Lab fee $56. Prerequisite: BIO 1004 or ACT of 24 in Science Reasoning.

BIO 2213. Introduction to Microbiology - 3 hours (On Demand)
An introduction study of general principles and microbiology, with an emphasis on the morphology, physiology and taxonomy of microorganisms. Special emphasis on disease producing bacteria, viruses and fungi. Topics in applied microbiology, immunology, sterilization and disinfection are introduced. Two lectures, one laboratory each week. Lab fee $30. Prerequisites: BIO 1004 or BIO 2204 and CHE 1004 or CHE 1104 or CHE 1115. NOTE: A student who takes BIO 2213 and 3314 will receive credit only for BIO 3314.

BIO 2214. Environmental Biology - 4 hours (Fall, odd years)
An objective contemporary study of the environment and man's effect upon it. A holistic approach is taken in studying relevant problems relating to population growth, pollution and the preservation of natural ecosystems.

BIO 2223. Invertebrate Zoology - 3 hours (On demand)
Examination of the morphology, physiology and taxonomy of the invertebrates. Two lectures, one laboratory each week. Lab fee $54.

BIO 2234. General Botany - 4 hours (Fall)
A study of the plant world. Fungi, algae, bryophytes, seedless vascular plants, gymnosperms and angiosperms will be studied with regard to their life history, morphology, physiology and taxonomic relationships. Three lectures, one lab each week. Lab fee $56. Prerequisite: BIO 1004.

BIO/KIN 2243. Nutrition - 3 hours (Fall, Spring)
Nutritional requirements of mankind with emphasis on the roles of nutrients in the body throughout the life cycle. Note: This course may not be included in the curriculum for a biology major.

BIO 295(1-4). Special Topics - 1-4 hours (On demand)
Topics of special interest not available to the student from the traditional course offerings. May be repeated as the topics change. Lab fee will be based on topic.

BIO/CHE 3012. Methods in Scientific Research - 2 hours (Fall, Spring)
A study of the principles and techniques used to develop and construct a scientific proposal. Topics include statistical analysis, experimental design, developing a proposal, determining a budget, and scientific presentations. Two lectures each week. Prerequisites: Biology/chemistry major or minor with 64 hours completed.

BIO 3304. Human Anatomy and Physiology II - 4 hours (Spring)
This course is a continuation of Biology 2204. Areas of study will include: the nervous, endocrine, circulatory, lymphatic, and the urogenital systems. Three lectures, one laboratory each week. Lab fee $56. Prerequisite: BIO 1004 or BIO 2204.

BIO 3314. Microbiology - 4 hours (Fall)
A study of the cultural characteristics, morphology, metabolism, taxonomy and infection of microorganisms, with emphasis on methods of isolation, growth and identification. Three lectures, one laboratory each week. Lab fee $56. Prerequisites: BIO 1004 and CHE 1115.

BIO 3322. Introduction to Immunology - 2 hours (Spring)
Fundamental principles of immunology and serology. The structure and function of the immune system, antigen-antibody interaction, other serological reaction, immunoglobulin formation and immunosuppression. Two lectures each week. Prerequisite: BIO 3314.

BIO 3324. Genetics - 4 hours (Fall)
Consideration of the nature, transmission, variation, and action of the hereditary material in relation to the laws and theories of heredity in both plants and animals. Three lectures, one laboratory each week. Lab fee $106. Prerequisite: BIO 1004.

BIO 3334. Ecology - 4 hours (Spring)
Study of the relations of animals and plants to each other and to their environment. Three lectures, one laboratory each week. Lab fee $56. Prerequisite: BIO 1004. (BIO 2134 and 2234 recommended.)

BIO 3335. Comparative Vertebrate Anatomy - 5 hours (On demand)
Comparative study of organs and organ systems of selected representative vertebrates. Three lectures, two laboratories each week. Lab fee $78. Prerequisite: BIO 1004 and 64 hours completed.

BIO 3344. Vertebrate Physiology - 4 hours (On demand)
Study of the functional process of vertebrate organs and organ systems and their physiological integration. Three lectures, one laboratory each week. Lab fee $56. Prerequisites: BIO 1004 and 2134 and CHE 1115.

BIO 3354. Plant Taxonomy - 4 hours (Spring, even years)
A study of the principles of classification and nomenclature, a survey of the major vascular plant families and the identification of local plants. Two lectures, two laboratories each week. Lab fee $56. Prerequisite: BIO 2234.

BIO/CHE 3364. Biochemistry - 4 hours (Fall)
A study of the chemistry and metabolism of biologically important compounds. Includes the biochemistry of proteins, lipids and carbohydrates, nucleic acids and the energetics of living organisms. Three lectures and one laboratory each week. Lab fee $106. Prerequisite: CHE 3314. CIS 1103 is strongly recommended.

BIO 3384. Histology - 4 hours (Fall, even years)
A systematic cytological and histological study of animal tissues and organs with an introduction to basic histological procedures. Two lectures, two laboratories each week. Lab fee $56. Prerequisites: BIO 2204 and 3304 or 3335

BIO 3394. Pathogenic Microbiology - 4 hours (Spring, odd years)
The study of pathogenic microorganisms, their mode of transmission, infection and control as they relate to humans. Bacterial, viral, fungal and parasitic diseases will be studied. Three lectures, one lab each week. Lab fee $56. Prerequisite: BIO 3314.

BIO 3454. Plant Physiology - 4 hours (On demand)
Study of the principal physiological processes in plants. Topics include respiration, photosynthesis, biosynthesis of cellular constituents, mineral nutrition, transpiration, translocation, water relations, growth and development, hormones and plant responses to environmental variation. Three lectures, one lab each week. Lab fee $56. Prerequisite: BIO 2234.

BIO 3544. Wildlife Biology – 4 hours (Fall, even years)
A study of the principles and techniques used to manage and measure animal populations. Topics include managing endangered species and game animals, the impacts of habitat fragmentation on wildlife populations, and the use of habitat corridors. Three lectures, one laboratory each week. Lab fee $56. Prerequisites: BIO 1004, BIO 2134 (BIO 3334 recommended).

BIO 4224. Cell and Molecular Biology - 4 hours (Spring)
The study of the structure and function of cellular organelles, cell transport, signal transduction, apoptosis, and cell cycle. DNA, transcription, translation, replication, control, repair, and gene expression will be studied as well as an introduction to bioinformatics within these disciplines. Three lectures, one laboratory each week. Lab fee $106. Prerequisites: BIO 1004 and 64 hours completed.

BIO 4404. Pathophysiology - 4 hours (Spring)
The study of human diseases and the mechanisms that govern them. Four lectures each week. Prerequisites: BIO 2204 and BIO 3304 and 64 hours completed.

BIO 4414. Freshwater Biology - 4 hours (On demand)
Study of the freshwater ecosystem. The course is designed to include four major areas: water chemistry, including characteristics of lakes, rivers and streams; plankton, including algae and zooplankton; fisheries; and aquatic entomology. Three lectures, one laboratory each week. Lab fee $56. Prerequisites: BIO 1004 and 64 hours completed.

BIO 4444. Vertebrate Embryology - 4 hours (On demand)
Study of the embryological development of the vertebrate and controlling mechanisms involved. Two lectures, two laboratories each week. Lab fee $56. Prerequisites: BIO 1004, BIO 2134, and 64 hours completed.

BIO 4471. Seminar in Biology - 1 hour (Fall, Spring)
Investigation of biological literature related to selected topics and presentation of scientific material for group discussion and evaluation. One session each week. Prerequisite: Biology major or minor with 96 hours completed.

BIO 448(1-3). Biological Investigations - 1-3 hours (Fall, Spring)
Opportunity for qualified biology majors to conduct investigations in association with staff members on an acceptable phase of biology. By arrangement. Lab fee will be based on project. Prerequisites: Biology major or minor and 64 hours completed.

BIO 498(1-3). Internship in Biology - 1-3 hours (Fall, Spring, Summer)
A course designed to give the student on-the-job experience in the area of student's major. The purpose is to gain practical experience and enhance the student's educational preparation at SBU. Prerequisite: Biology major or minor and 64 hours completed.

BIO 495(1-4). Intensive Studies in Biology - 1-4 hours (On demand)
Intensive studies of special topics in biology. Topics will vary from time to time. The course may be repeated for different topics. Credit hours will be determined at the time of course planning. Lab fee will be based on course.

BIO 499(1-3). Independent Studies - 1-3 hours (Fall, Spring)
Advanced studies of specific topics arranged by departmental chair.

Methods of Teaching Science in the Middle and Secondary Schools
(See EDU 4522).

BUSINESS

BUS 1013. Introduction to Business - 3 hours (Fall)
Introduction to the characteristics and practices of business in the American free enterprise system, including the environments of business and career opportunities in business. Open to all students except junior and senior Accounting and Business Administration majors.

BUS/MAT 1193. Business Calculus - 3 hours (Fall, Spring)
Derivatives and antiderivatives of functions inclusive of exponential and logarithmic, with applications to business and economics. NOTE: A student who takes BUS/MAT 1193 and MAT 1195 will receive credit for only MAT 1195. Prerequisite: MAT 1143 or MAT 1163 or satisfactory scores on the prealgebra and intermediate algebra portions of the Enhanced ACT Examination.

BUS 2013. Business Communications - 3 hours (Fall, Spring)
A general introduction to the uses of communication in the business world today. Four major sections include basic language usage; communication foundations and writing principles; business letters, memos and emails; and problem analysis and report writing. Prerequisite: ENG 2213.

BUS 2023. Business Statistics - 3 hours (Fall, Spring)
An introduction to business statistics. Students will calculate and interpret measures of center and dispersion. Normal, binomial, Chi-square, F, t, and Poisson distributions, elementary probability, sampling techniques, hypothesis testing, confidence intervals, linear correlation, simple and multiple regression, contingency tables and computer applications are also covered. Prerequisite: MAT 1143.

BUS (2-3)06(1-2). PBL Practicum - 1-2 hours (Fall, Spring)
PBL Practicum is a course designed to enhance the benefits to be gained from participation in Phi Beta Lambda, the collegiate division of Future Business Leaders of America. Students will learn how to properly conduct business meetings, direct projects, work in teams to accomplish objectives and prepare business-related reports. Students may earn up to four hours of cumulative credit for this course.

BUS 295(1-4). Special Topics in Business - 1-4 hours (On demand)
Topics will vary with each offering; therefore, the course may be repeated for credit.

BUS 3073. Legal Environment of Business I (Business Law I) - 3 hours (Fall)
Ethical, social and legal issues in business environment. The development and resolution of contemporary issues found in the business environment. Emphasis on the perspective and systematic approach to the law to such issues. Topical areas: legal history, reasoning, procedure; environmental, administrative, criminal and tort law; law of contracts, law of sales. Prerequisite: 24 credit hours completed.

BUS 3083. Business Enterprise/Debtor and Creditor Rights (Business Law II) - 3 hours (Spring)
Legal alternatives in the structuring of the business enterprise and its relationships with employees. The rules of law governing financial transactions in today's business and personal affairs. Topical areas: agency, partnerships, corporation, personal property, real property, bailments, intellectual property rights, commercial paper, secured transactions and bankruptcy. Prerequisite: BUS 3073.

BUS 4053. International Business - 3 hours (Spring)
Introduction to the multinational business organization and environmental factors of international business. Emphasis on the development of sound problem-solving, decision-making methods in the analysis of environmental and organizational variables. The course also examines strategies for firms involved in marketing across national borders and in other countries. Special attention is given to planning and implementing marketing mix variables in international settings. Prerequisites: MGT 3013 and MKT 3023.

BUS 477(1-3). International Experience - 1-3 hours (Fall, Spring, Summer, Winterfest)
Inter-cultural experience and international travel. Requires a minimum of four weeks spent outside of the United States. For International Business program students, the country should ideally correspond to the specific modern language chosen in the degree plan. Students are responsible for costs of international travel and activities, in addition to the tuition.

BUS 495(1-4). Intensive Studies in Business - 1-4 hours (On demand)
Topics will vary with each offering; therefore, the course may be repeated for credit.

BUS 498(1-3). Internship in Business - 1-3 hours (Fall, Spring, Summer, Winterfest)
Academically planned and supervised work experience in area(s) of the student's major within business or other organizations, approved by the faculty advisor and department chair as an enhancement to the student's educational preparation at SBU. Written reports will be required of the student and performance reports from the employer. A maximum of six semester hours of internships may be applied to the major. Prerequisite: 60 credit hours completed.

BUS 499(1-3). Independent Study in Business - 1-3 hours (On demand)
Independent study of some problem or area not covered in the organized courses under the direction of a faculty member in whose field of specialization the problem or area lies. Prerequisites: 3.00 GPA in major field and 60 credit hours completed.

CHEMISTRY

CHE 1004. Chemistry for Allied Health - 4 hours (Fall)
The study of the fundamentals of general chemistry, organic chemistry, and biochemistry. Three lectures, one laboratory each week. Does not satisfy the major or minor requirements for chemistry. Lab fee $52. Prerequisite: High school algebra.

CHE 1104. Principles of Chemistry - 4 hours (On Demand)
Fundamentals of chemistry, i.e., atomic structure, chemical periodicity, terminology, equations, kinetics, energy relationships, nuclear and descriptive chemistry. Three lectures, one laboratory each week. Does not satisfy the major or minor requirements for chemistry. Lab fee $60. Prerequisite: High school algebra.

CHE 1115. General Chemistry I - 5 hours (Fall)
A study of the fundamental laws and theories involved in chemical changes. Topics will include atomic theory, thermochemistry and nuclear chemistry. Stress will be on the solving of mathematical problems which illustrate the principles of chemistry. The course is designed principally for students planning on careers related to the natural sciences. Four lectures, one laboratory each week. Lab fee $75. Prerequisite: MAT 1143 or concurrent enrollment. Note: A student who takes CHE 1104 and 1115 will receive credit for only CHE 1115.

CHE 1125. General Chemistry II - 5 hours (Spring)
A continuation of CHE 1115 covering chemical equilibrium, oxidation-reduction, acid-base theory, thermodynamics, chemical kinetics, the basics of coordination chemistry, and an introduction to organic chemistry. Four lectures, one laboratory each week. Lab fee $75. Prerequisite: CHE 1115.

CHE 295(1-3). Special Topics in Chemistry - 1-3 hours (On demand)
Topics of special interest not available to the student from the traditional course offerings. May be repeated as the topics change. Lab fee $14-$42 as necessary. Prerequisite: CHE 1125.

CHE 3002. Environmental Chemistry - 2 hours (Spring, even years)
The study of the sources, reactions, transport, effects and fates of chemical species in water, soil, air and living environments and the effects of technology thereon. Two lectures per week. Prerequisite: CHE 1125.

CHE/ BIO 3012. Methods in Scientific Research - 2 hours (Fall)
A study of the principles and techniques used to develop and construct a scientific proposal. Topics include statistical analysis, experimental design, developing a proposal, determining a budget, and scientific presentations. Two lectures each week. Prerequisites: Biology/chemistry major or minor with 64 hours completed.

CHE 3304. Organic Chemistry I - 4 hours (Fall)
Study of the theory and mechanisms of the basic reactions of organic compounds and their derivatives. Emphasis on alkyl halides, alkanes, alkenes, stereochemistry, alicyclics, alkynes and dienes. Three lectures, one laboratory each week. Lab fee $76. Prerequisite: CHE 1125. CIS 1103 is strongly recommended.

CHE 3314. Organic Chemistry II - 4 hours (Spring)
Continuation of CHE 3304. Emphasis on aromatic compounds, interpretive spectroscopy, alcohols, carboxylic acids and their derivatives, aldehydes, ketones, amines and ethers. Three lectures, one laboratory each week. Lab fee $76. Prerequisite: CHE 3304.

CHE 3323. Physical Chemistry - 3 hours (Spring, odd years)
Study of physicochemical systems, kinetic theory, thermodynamics, chemical equilibria and solutions. Three lectures, one laboratory each week. Prerequisites: CHE 1125, MAT 1195.

CHE 3345. Analytical Chemistry - 5 hours (Fall)
Study of the fundamental principles of quantitative analytical chemistry including basic statistics. An intensive laboratory experience which applies these principles to gravimetric, volumetric and electroanalytical determinations. Three lectures, two labs each week. Lab fee $90. Prerequisite: CHE 1125.

CHE 3354. Instrumental Analysis - 4 hours (On demand)
Study of the basic principles of instrumental methods of analysis. Topics studied include optical methods, chromatographic methods and selected other modern methods. Three lectures, one laboratory each week. Lab fee $56. Prerequisites: CHE 3304 or concurrent enrollment and either PHY 1124 or PHY 2225.

CHE/BIO 3364. Biochemistry - 4 hours (Fall)
A study of the chemistry and metabolism of biologically important compounds. Includes the biochemistry of proteins, lipids and carbohydrates, nucleic acids and the energetics of living organisms. Three lectures, one laboratory each week. Lab fee $106. Prerequisite: CHE 3314. CIS 1103 is strongly recommended.

CHE 3371. Seminar in Chemistry I - 1 hour (Spring)
Presentation and discussion of modern developments in the field of chemistry. One session each week. Prerequisite: CHE 3304.

CHE 4002. Interpretive Spectroscopy - 2 hours (On demand)
The study of the four main spectral techniques used for the identification of known organic compounds and for the determination of the structures of unknown organic compounds -- infrared spectroscopy (IR), proton nuclear magnetic resonance spectroscopy (PMR), carbon-13 nuclear magnetic resonance spectroscopy (CMR) and mass spectroscopy (MS). Two lectures per week. Prerequisite: CHE 3314.

CHE 4413. Advanced Inorganic Chemistry - 3 hours (Spring, even years)
Principles and theories of modern inorganic chemistry, including group theory, bonding, coordination chemistry and relationships of the periodic table. Three lectures, one laboratory each week. Prerequisites: CHE 3314.

CHE 4471. Seminar in Chemistry II - 1 hour (Spring)
Presentation and discussion of modern developments in the field of chemistry. One session each week. Prerequisite: CHE 3314.

CHE 448(1-3). Undergraduate Research in Chemistry - 1-3 hours (Fall, Spring)
Independent research investigations. May be repeated with consent of department. Lab fee $14-$42. Consent of department chair or research director required. Prerequisites: CHE 3314 and CHE 3345.

CHE 495(1-5). Intensive Studies in Chemistry - 1-5 hours (On demand)
Topics of special interest not available to students in the traditional course offerings. Courses could include such topics as advanced organic chemistry, nuclear chemistry, quantum chemistry, reaction kinetics and polymer chemistry. May be repeated as topics change. Lab fee $14-$70 as necessary. Prerequisites: Determined by the nature of topics studied.

CHE 499(1-3). Independent Study - 1-3 hours (On demand)
Intensive individual study in areas of chemistry not usually covered in the normal curriculum. Prerequisites: Determined by the nature of topics studied. Consent of department chair required.

Methods of Teaching Middle School and Secondary Science
(See EDU 4522).

CHRISTIAN EDUCATION

CED 2003. Introduction to Christian Education - 3 hours (Fall, even years)
A study of Christian education including history, faith development and Christian conversion, leadership, curriculum and facilities.

CED 2033. Principles of Teaching in the Church - 3 hours (Spring, odd years)
Basic principles and concepts of Christian teaching formulated and projected into planning and presented in church-related learning experiences.

CED/REC 2062. Drama in the Church and Community - 2 hours (Spring, on demand)
See REC 2062 for course description.

CED 295(1-4). Special Topics in Christian Education - 1-4 hours
A focus on special topics in the field of Christian education.

CED 3013. Youth Ministry in the Church - 3 hours (Spring, odd years)
A study of the objectives, organization and methodologies for youth, ages 12-17, and the directing of a youth program. Prerequisite: CED 2003

CED 3023. Church and Denominational Administration - 3 hours (Fall, odd years)
A functional study including duties of church officers and committees, constitutions, by-laws, and parliamentary procedure.

CED 3043. Children's Ministry - 3 hours (Fall, even years)
A study of ministries involving children from birth through sixth grade to include but not limited to Bible study methods, vacation Bible school, children's worship, child care facilities in the church, and child care during church events. Prerequisite: CED 2003.

CED 4003. Adult Ministry in the Church - 3 hours (Fall, odd years)
A study of the development tasks of adulthood and ministries with adults in the church. Prerequisite: CED 2003.

CED 4053. Youth Discipleship and Evangelism - 3 hours (Spring, even years)
A study of (1) the challenges of youth and their culture (including suicide, pregnancy, parental problems, drugs) and (2) evangelism strategies, events and programs designed to reach unchurched youth. Prerequisites: BIB 1013, 1023, SPF 2012.

CED 495(1-4). Intensive studies in Christian Education - 1-4 hours
Focus on special areas of interest in the Christian education field. Topic will vary from year to year. (May be taken more than once). Prerequisites: CED 2003.

CED 498(1-6). Apprenticeship in Christian Education - 1-6 hours (Fall, Spring, Summer)
On-the-job training under the supervision of a full-time minister of education, minister of childhood education or youth minister. Includes observation, supervision, planning, instruction, guided practical leadership and evaluation. Prerequisite: Major in Christian Education (concentrations in general Christian education, youth ministry or children's ministry) or minor in student ministries and 96 hours completed. Note: Apprenticeships are not paid positions; the student learns under the supervision of a qualified staff member. Assignment of apprenticeships is made strictly by the SBU faculty member involved, not by the student or a particular church.

CHRISTIAN MINISTRIES

CHR/MUS 023(0-1). Worship Lab – 0-1 hour (Fall, Spring)
Laboratory in worship planning and worship leadership. Attendance at a designated number of department-sponsored learning and discussion events, plus assignment to worship-leading teams for rehearsal and participation in worship-leading opportunities.

CHR 2043. Introduction to Evangelism - 3 hours (Fall, odd years)
An introduction to the biblical basis of and contemporary models for evangelism in order to develop effective methods for sharing the gospel in a variety of contexts.

CHR/MUS 2712. Worship Leading for Small Groups - 2 hours (Spring, odd years)
See MUS 2712 for course description.

CHR 295(1-3). Special Topics in Christian Ministries - 1-3 hours (On demand)
A focus on special topics in the field of Christian Ministries.

CHR 3003. Introduction to Disciple-making - 3 hours (Spring)
Study of the biblical definition and contemporary models of the disciple-making process, including practical training and experience in discipleship.

CHR 3013. Introduction to Ministry - 3 hours (Fall)
Study of the work of the vocational ministers of the local church with special attention given to the ministry of all believers. Prerequisites: BIB 1013, 1023.

CHR 3023. Introduction to Preaching - 3 hours (Fall, even years)
A study of the task of preaching the Christian message to today's world including practice in preparing and delivering sermons. Some attention may be given to other types of religious communication.

CHR/MUS 3752. Instrumental Ministry in the Church - 2 hours (Spring, even years)
A practical study of the use of instrumental music in the church, including all aspects of instruments in music ministry. Techniques and materials used by the church pianist and organist involving hymn playing, modulation, transposition, improvisation, and accompanying choirs and soloists. The use of band and orchestra instruments in varying combinations and the use of handbells in music ministry. Prerequisite: Two semesters of piano (or organ) or permission of instructor.

CHR/MUS 3783. Worship and Song in the Church - 3 hours (Fall)
A historical survey of the worship practice and congregational song of the major Christian denominations with an emphasis on planning worship for today's churches.

CHR 4003. Expository Preaching - 3 hours (Spring, odd years)
A study is made of the expository method of preaching. Sermons by recognized expository preachers are considered. Each student develops expository sermons and presents one sermon for video taping and review. Prerequisite: CHR 3023.

CHR/MUS 4101. Church Music Technology - 1 hour (Spring, even years)
An introductory overview of the technology available to church musicians. Prerequisite: CIS 1103.

CHR/MUS 4743. Church Music Administration - 3 hours (Fall, odd years)
Study of the functional approach to the church music ministry including organization, administration, budget, calendar, scheduling, purchase and maintenance of equipment, rehearsal, performance, service planning, congregational activities and staff relations.

CHR 495(1-4). Intensive Studies in Christian Ministries - 1-4 hours
A focus on a special area of interest in the field of Christian Ministry. Areas of study will vary from year to year. (May be taken more than once).

CHR 498(1-3). Christian Ministries Apprenticeship – 1-3 hours (Fall, Spring)
Guidance of an apprentice in direct relationship to the practice of ministry. Apprenticeships may be completed in the following areas: associational, chaplaincy, and pastoral ministries. Prerequisite: 96 hours completed. Note: Apprenticeships are not paid positions; the student learns under the supervision of a qualified mentor. Assignment of apprenticeship is made strictly by the SBU faculty member involved, not by the student or a particular church. **During the semester in which students enroll in this course they are not allowed to enroll in more than 16 total hours, except when the on-site work of the apprenticeship is completed during the summer.**

COMMUNICATION

COM/TEC 1013. Media and Society - 3 hours (Fall, on demand)
A study of communication strategies in mass media. The history, development and current structures of the media and their effects on society.

COM 1103. Fundamentals of Speech Communication - 3 hours (Fall, Spring)
Foundations of speech communication. Special attention to the theory and practice of effective preparation and delivery of public speeches.

COM/TEC 2043. Television Production I - 3 hours (Fall)
An introduction to television production. Students will learn all the fundamentals of television production including: editing, writing, shooting, directing, and producing. Students will demonstrate their skills by producing various projects such as music videos, interviews and news segments. Course fee $35.

COM/HON 2213. Honors Fundamentals of Speech Communication - 3 hours (Spring)
Foundations of speech with emphasis upon speech preparation and delivery. Exploration of classical and contemporary rhetorical principles. Prerequisite: minimum ACT of 25 and/or enrollment in COM 4413.

COM 2223. Argumentation and Debate - 3 hours (Fall)
Emphasis on methods and theories of argumentation and debate. Attention to research, analysis, case building and oral participation. Prerequisite: ENG 1113 and COM 1103.

COM 2233. Introduction to Public Relations - 3 hours (Fall)
Emphasis upon understanding the theoretical foundations of public relations. Attention to practical methods and steps in conducting the processes and activities of public relations.

COM 2393. Interpersonal Communication - 3 hours (Fall, Spring)
Theory and practice of effective interpersonal encounters. Special attention to listening, language, self-perception, interviewing and nonverbal communication.

COM 295(1-4). Special Topics - 1-4 hours

COM 3003. Communication Theory - 3 hours (Spring, On demand)
Survey of theories in interpersonal, small group, organizational, rhetorical, mass media, and cultural communication contexts. Special emphasis on using theoretical knowledge to improve communication skills. Prerequisite: COM 1103.

COM 3013. Rhetorical Theory and Criticism - 3 hours (Fall, odd years)
This course offers in-depth exploration of both the theoretical and methodological aspects of rhetorical studies. Since rhetorical theories are foundational to the study and practice of effective communication, students will learn how to

use both historical and contemporary rhetorical theories to analyze a variety of important texts including speeches, films, advertising campaigns, and any other type of persuasive discourse. Prerequisite: COM 1103 or COM 2393.

COM 3043. Communication Research Methods - 3 hours (Spring, even years)
This course offers systematic study of the various types of research methodologies used in the communication discipline. Students will learn the basics of investigating communication phenomena using social scientific, qualitative and critical rhetorical methods. Prerequisite: COM 1103 or COM 2393.

COM/TEC 3053. Television Production II - 3 hours (Spring)
Students will acquire the knowledge and skills necessary to become television news production professionals and will receive advanced training in interviewing, writing, and producing. Prerequisite: COM/TEC 2043. Course fee $35.

COM 3163. Nonprofit Public Relations - 3 hours (Fall)
This course offers exploration of the unique persuasive and organizational challenges associated with being a public relations practitioner in the nonprofit sector. Students will learn how to develop and implement public relations plans that will effectively communicate with a variety of target audiences. Students will also learn about various nonprofit public relations essentials such as fundraising, establishing corporate partnerships, promoting nonprofit organizations through special events, and maximizing the use of the internet and social media. Prerequisite for Communication Majors: COM 2223 and COM 2233.

COM 3263. Public Relations and Crisis Management - 3 hours (Spring)
Students in this course will learn relevant theories and practice the various communication skills necessary to develop and implement public crisis response plans. Significant emphasis will be placed upon the examination of historical and contemporary case studies of both effective and ineffective instances of crisis management. Prerequisite for Communication Majors: COM 2223 and COM 2233.

COM 3283. Persuasion: Theory and Practice – 3 hours (Fall)
Theories and practice of persuasion and social influence. Prerequisite: COM 1103.

COM/THR 3303. Oral Interpretation of Literature - 3 hours (Fall, even years)
Emphasis on theory and practice of communicating works of literature from the printed page. Prerequisite: COM 1103.

COM 3313. Advanced Public Speaking - 3 hours (Spring)
Advanced study of preparation and delivery of various speech types. Special attention to extemporaneous and manuscript speaking. Prerequisite: COM 1103.

COM 3333. Intercultural Communication - 3 hours (Spring)
This course will cover a wide variety of intercultural issues as they pertain to media, religion, business, politics, education, health care and interpersonal communication. A balanced emphasis will be placed on developing intercultural awareness and competence. Prerequisite: COM 1103.

COM/TEC 3343. Multi-Media Productions for Nonprofit Organizations-3 hours (Fall, On demand)
This course will prepares students to design and produce multi-media campaigns suitable for nonprofit organizations. Students will design campaigns which utilize television, radio, print, graphics, and various other media. Course fee $35.

COM 3351. Intercollegiate Forensics and Debate - 1 hour (Fall, Spring)
Participation in intercollegiate debate and forensics program. May be repeated; however, only 6 hours may count toward a major. Prerequisite: COM 1103.

COM 3353. Organizational Communication - 3 hours (Fall)
This course allows students to study how communication intersects with organizational life and culture on both the theoretical and practical levels. Special emphasis will be given to how organizations use communication to function and how students can communicate effectively within a wide array of organizational contexts. Prerequisite: COM 1103 or COM 2393.

COM 3361. Student Media Practicum - 1 hour (Fall, Spring)
Guided practical experience in college newspaper production. May be repeated; however, only 6 hours may count toward a major.

COM 3363. American Public Address - 3 hours (Spring, odd years)
Historical and critical study of leading American speakers, their speeches and philosophies. Individual research and analysis. Prerequisite: COM 1103.

COM 3373. Newspaper Writing and Editing - 3 hours (Spring)
An emphasis upon the essentials of journalism writing. Special attention to principles and skills required to gather, write and edit newspaper stories. Lab fee $10. Prerequisite: ENG 1113 and COM 1103.

COM 3383. Small Group Communication - 3 hours (Fall)
Systematic study and practice of principles of effective communication in groups. Exploration of dynamic variables and features unique to small group interaction. Public discussion formats are also explored. Prerequisite: COM 1103.

COM 3873. History and Contemporary Issues in Journalism - 3 hours (Spring)
This course is both a survey of the major landmarks of journalism history and an in-depth exploration of the issues and practices of contemporary journalism. This course will also consider how advances in communication technology and social media are reshaping the journalistic landscape.

COM 3973. Journalism Law and Ethics - 3 hours (Fall)
This course explores the legal and ethical aspects of the profession of journalism.

COM 4013. Communication and Leadership - 3 hours (Spring)
This course explores how we understand and become better leaders. It will integrate components of leadership and established leadership models from the communication field. The class will also focus on general leadership responsibilities and learning basic interview and job skills.

COM 4283. Communication and Social Media - 3 hours (Spring)
This course provides students the opportunity to learn to effectively use social media as an increasingly- vital component of organizational public identity. The course will focus upon how social media is changing. the culture of organizational communication and identity as well as teach students how to become effective practitioners of social media communication.

COM 4311. Communication Senior Capstone - 1 hour (Fall)
This course allows students to obtain a sense of perspective about the degree they are about to complete in communication. It serves two purposes: (a) It familiarizes prospective communication graduates with a number of the career options available in the field of communication, and (b) equips them to produce effective employment or graduate school portfolios.

COM 4413. Forensics - 3 hours (On demand)
Laboratory practice and techniques for coaching contest speaking events: oratory, extemporaneous speaking, interpretation and after-dinner speaking. Prerequisite: COM 2223.

COM 4433. Interviewing - 3 hours (Fall, odd years)
This course will survey the relevant theories and practices concerning interviewing as a job-seeking and non-job-seeking communication behavior. Students will learn to conduct and participate in both journalistic and professional interviews.

COM 495(1-4). Intensive Studies - 1-4 hours

COM 496(1-3). Practicum - 1-3 hours

COM 497(1-3). Symposium - 1-3 hours

COM 498(1-6). Internship - 1-6 hours (Fall, Spring, Summer)

COM 499(1-3). Independent Studies - 1-3 hours
Advanced studies of specific topics arranged through consultation with the department chairperson.

Methods of Teaching Theatre
(See EDU 4502).

Methods of Teaching Speech in the Middle and Secondary Schools
(See EDU 4552).

COMPUTER AND INFORMATION SCIENCES

CIS 0103. Computer Literacy - 3 hours (Fall)
An introduction to computer hardware and software. Special emphasis is given to personal computer systems and the following common applications: word processors, presentation software, spreadsheets and databases. This course does not count toward the 128 hours required for graduation. Lab fee $12.

CIS 1001. Seminar in Computer and Information Sciences - 1 hour (Fall, Spring)
Seminar in Computer and Information Science provides a broad overview of foundational topics related to professional computing. Included in the course are career and internship preparation, the establishment of a digital portfolio, ethics in the technical academic environment, personal and legal issues in technical security, oral and written technical communication, and the role of faith in a computing professional's life. Prerequisite: CIS1144 with a grade of C or better. One lecture and one lab of 50 minutes each. Corequisite: CIS 1154.

CIS 1033. Foundations of Computer Science - 3 hours (Fall, Spring)
An introduction to key concepts in computer and how computation is related to all scientific fields. Topics include, but are not limited to, robotics, web design, software engineering, artificial intelligence, computer architecture, digital

media storage, algorithm design and computability. Required for computer science majors. Lab fee $12. Prerequisite: MAT 1143 or concurrent enrollment.

CIS 1103. Computer & Information Management - 3 hours (Fall, Spring, Winterfest, Summer)
This course presents the fundamental ideas related to information technology, reinforces proficiency in contemporary computer applications, and supports computational problem-solving processes. Emphasis is given to effective use of spreadsheets and databases as tools for problem-based learning and analysis. Lab fee $12.

CIS 1113. COBOL - 3 hours (On demand)
Development of application programs using structured COBOL syntax and concepts. Emphasis on solutions of business problems. Lab fee $12. Prerequisites: MAT 1143.

CIS 1144. Computer Science I - 4 hours (Fall, Spring)
This course introduces the concepts of computer programming and problem solving and the associated ideas of algorithms and data structures. It is designed to provide the serious computer science student with basic skills and a solid foundation for further study. Includes an introduction to the Java programming language. Three lectures, one lab per week. Lab fee $16. Prerequisite: MAT 1143 or concurrent enrollment.

CIS 1154. Computer Science II - 4 hours (Fall, Spring)
This course is a continuation of CIS 1144 with emphasis upon good programming methodology (software engineering). The data structures of linked lists, stacks, queues and trees are developed along with an introduction to file structures. Recursion, searching and sorting algorithms are analyzed for order as well as time and space efficiency . Parallel sorting and searching algorithms are introduced. Java is utilized for programming. Three lectures and one lab per week. Lab fee $16. Prerequisites: CIS 1144 and MAT 1143. Corequisites: CIS 1001.

CIS 1163. Introduction to Cybersecurity - 3 hours (Fall)
The course will be a broad overview of computer security topics including security threats, personal computer security, operating system security, web security, physical security, access control, intrusion detection, anti-virus & anti-spyware systems, cryptography, steganography, security models & practice, business continuity & disaster recovery, and risk management. A brief introduction to secure software development is included. The course will not include a significant coding component. Lab fee $12. Corequisite: CIS 1033 or CIS 1103.

CIS 2002. Secure Software - 2 hours (Spring, even years)
A study of the most common security-related coding flaws in modern computer programs. Students will develop and refine secure programming techniques through correcting flaws in example programs and creation of their own secure programs. Uses the Unix operating system. Lab fee $8. Prerequisite: CIS 1144.

CIS 2003. Web Design - 3 hours (Spring, even years)
This course presents introductions to many of the basic concepts, design issues, web standards, and techniques related to designing, developing and deploying Web sites. Topics include web and animation tools, including editors, image manipulation tools, utilities, traffic analysis, internet security, and e-commerce issues. Lab fee $12. Prerequisite: CIS 1154 with a grade of C or better.

CIS 2013. Networks - 3 hours (Spring)
This course examines the physical and conceptual structures underlying local and wide area networks. Topics include network topologies and architectures, network devices, common protocols and services, error and flow control mechanisms, and network monitoring and traffic analysis. Programming assignments will include multithreaded clients and servers. Lab fee $12. Prerequisite: CIS 1154.

CIS 2033. Information Assurance - 3 hours (Fall Even Years)
This course provides an overarching model for information assurance for businesses, government agencies, and other enterprises needing to establish a comprehensive security plan. Students will be guided through the components of security and the construction of an effective security policy. Topics include asset identification, human factors, compliance with regulations, personnel security, risk assessment, business continuity, and ethical considerations are covered, as well as computer and network security tools and methods. Prerequisite: CIS 1163.

CIS 2043. System Administration - 3 hours (Fall Odd Years)
An introduction to system administration examining both the Linux and Windows operating systems running on physical hardware, as well as Type-1 hypervisors and hosted virtual machines. Topics will include installation, configuration, logging and auditing, backup and restoration, and account management. Lab fee $12. Prerequisite: CIS 1163.

CIS 2213. Systems Analysis and Design - 3 hours (Fall, Spring)
Study of the phases a system project using current design tools and techniques. Includes an introduction and overview of several development methodologies with in depth study of one development methodology. Lab fee $12. Prerequisites: CIS 1113 or CIS 1033 or CIS 1144.

CIS 2253. Web Engineering and Development - 3 hours (Fall)
A study of the development techniques, protocols, and approaches to engineering web-based software systems. Topics include HTML, CSS, XML, CGI, PHP, Javascript, Ajax, DOM, client/server computing and Ruby on Rails. Issues related to design, maintainability, metrics, security, and performance are addressed. Lab fee $12. Prerequisite: CIS 1154 with a grade of C or better.

CIS 295(1-3). Special Topics - 1-3 hours (On demand)
Selected topics of special interest in the field of computer science. May be repeated. Lab fee when appropriate. Prerequisite: 6 hours in computer science.

CIS 3013. Digital Forensics Principles and Practices - 3 hours (Spring Odd Years)
This course provides the student a thorough background in the principles and practices employed in the field of digital forensics. The course provides students with a working foundation of the types of computer and electronic crimes being committed today, and identifies techniques used by offenders to compromise computer systems as well as vulnerabilities of computer and electronic systems. Practical applications of theory and academic study are included as coursework. Lab fee $12. Prerequisite: CIS 1144 and CIS 1163.

CIS 3023. Network Security - 3 hours (Fall Odd Years)
A detailed examination of network security tools and techniques. The course will also include a detailed study of both encryption and steganography. Lab fee $12. Prerequisites: CIS 1163 and CIS 2013.

CIS 3033. Secure Software - 3 hours (Spring Even Years)
A study of the most common security-related design and coding flaws in modern computer programs. Students will develop and refine secure design and programming techniques through correcting flaws in example programs and creation of their own secure programs. Students will perform in-class code reviews. Both Java and C will be utilized in programming assignments. Lab fee $12. Prerequisites: CIS 1154 and CIS 1163.

CIS 3113. Interface and Interaction Design - 3 hours (Spring, odd years)
A study of interaction theory and interface design for computing devices. Applied approaches are used to address issues in the development of mobile, web and other screen-based interfaces. Includes an introduction to Microsoft Visual Studio. Lab fee $12. Prerequisite: CIS 1154 with a grade of C or better.

CIS 3303. Systems Management - 3 hours (Fall, Spring)
This course examines the issues and challenges involved in the management and implementation of information systems. It includes a foundational understanding of information technology, an overview of the correlation between business and information systems, and the challenges associated with the integration of multiple applications across a variety of platforms. Prerequisite: CIS 1103, CIS 1033.

CIS 3313. Advanced Systems Analysis and Design - 3 hours (Fall, even years)
This course presents an advanced study of analysis and design methodologies, techniques and tools. Topics include object-oriented methodologies, prototyping, client/server architectures, Joint Application Development, Rapid Application Development, human interface design and CASE. A project based approach is utilized. Lab fee $12. Prerequisite CIS 2213.

CIS 3323. Database Management Systems Design - 3 hours (Spring)
A study of the concepts and structures necessary to design and implement a database system. Topics include data hashing and encryption, access controls, security models, and DBMS vulnerabilities. Lab fee $12. Prerequisite: CIS 2213.

CIS 3333. Algorithms and Data Structures - 3 hours (Fall, Spring)
This course presents an advanced study of algorithms and data structures. Topics include precise iterative and recursive runtime and storage usage calculation and optimization, linear runtime sorting, graphs, Red-Black trees, AVL trees, B-trees, file structures and external sorting. Parallel sorting and searching algorithms are introduced. A non-object oriented language with manual memory management such as C is utilized for programming assignments. Prerequisite: CIS 1154.

CIS 3353. Survey of Programming Languages and Artificial Intelligence - 3 hours (Spring, odd years)
Survey of programming languages including their structure, syntax, semantics, uses and design. Methods used for representing knowledge will be studied including algorithms for learning. Lab fee $12. Prerequisite: CIS 3333.

CIS 3363. Mobile App Development - 3 hours (Spring, odd years)
This course introduces students to app development on mobile handheld devices (phones and tablets). Students will learn the fundamentals of the platforms, SDKs, and the development environments. Throughout this course student will develop a number of mobile apps with increasing complexity. Each app will focus on a key mobile app component. Lab fee $12. Prerequisite: CIS 3333 with a grade of C or better.

CIS/PHY 3413. Machine Organization - 3 hours (Fall)
A survey of the electronic and mechanical components of a computer, including processing units, memory and I/O devices. Also includes an introduction to assembly language programming. Lab fee $12. Prerequisites: CIS 1154 and MAT 1173.

CIS 4001. Cooperative Education in Computer Science - 1 hour (Fall, Spring, Summer)
Part-time, on-the-job experience in the areas of analysis, design, programming and maintenance. Credit will only be available for jobs with employers having a cooperative education agreement with the University. Course may be repeated up to six times. Credit hours may count toward the major only with the approval of the department chair and the cooperative education coordinator. Prerequisites: Declared CIS Department major, placement with an employer participating in the cooperative education program and permission of the cooperative education coordinator.

CIS 4123. Management Information Systems and E-Commerce – 3 hours (Summer)
This course equips students with the knowledge and skill needed to effectively integrate (ERM, ERP) computer based information systems for planning and decision support and operational control throughout all functional areas of the organization. It also equips students to understand and interact with e-business systems and to keep up with rapidly changing technologies. Prerequisite: computer proficiency, for Graduate credit must already be accepted into the MBA program. Fee: $150.

CIS 4423. Operating Systems - 3 hours (Spring, even years)
Introduction to the design and architecture of operating systems. Topics will include hypervisors, virtualization, and secure operating system design principles of domain separation, process isolation, resource encapsulation, and least privilege. Lab fee $12. Prerequisite: CIS 3413.

CIS/MAT 4433. Numerical Methods - 3 hours (Fall, even years)
A study of mathematical concepts in a computing context. Topics include numerical integration, systems of equations, root-finding, curve-fitting, and differential equations. Emphasis will be placed on computer-based solutions with implications for programming, algorithm complexity, data representation and approximation, and error measurement. Lab fee $12. Prerequisite: CIS 1033 and MAT 2263.

CIS 4453. Systems Security - 3 hours (Fall Even Years)
A detailed study of the preemptive configuration / hardening and the subsequent active defense of a computer system. Workstations, servers, virtual machines, mobile devices, IOT, SCADA systems, industrial control systems, and peripheral devices will be discussed. Lab fee $12. Prerequisite: CIS 1154 and CIS 2043.

CIS 4462. Applied Software Engineering I - 2 hours (Fall)
A comprehensive software engineering project conducted by a team of students. Students are required to define, design and do the initial implementation of a practical, commercial quality software project. Lab fee $8. Prerequisites: CIS 3333.

CIS 4463. Ethical Hacking - 3 hours (Spring Odd Years)
A hands-on study of ethical hacking and cryptanalysis. White, grey, and black box testing will be performed in isolated systems. Legal and ethical limitations will be stressed. Lab fee $12. Prerequisite: CIS 3033. Note: Students will be required to sign an ethical conduct agreement as a part of this course.

CIS 4472. Applied Software Engineering II - 2 hours (Spring)
A continuation of CIS 4462. Students are required to complete the project started in CIS 4462. Lab fee $8. Prerequisite: CIS 4462.

CIS 495(1-3). Intensive Studies - 1-3 hours (On demand)
Selected topics of special interest in the computer science field. May be repeated. Lab fee when appropriate. Prerequisite: 18 hours in computer science.

CIS 498(1-3) Internship in Computing - 1-3 hours (Fall, Spring, Summer, Winterfest)
Academically planned and supervised work experience in areas of the student's major within professional computing or other organizations, approved by the faculty advisor and department chair as an enhancement to the student's educational preparation at SBU. Weekly written reports will be required of the student and performance reports from the employer. A maximum of six semester hours of internships may be applied to the major. Prerequisites: 30 hours completed.

CIS 499(1-3). Independent Studies - 1-3 hours (On demand)
Independent study of some problem or area in the major not covered in the organized courses. The study is under the direction of a faculty member in whose field of specialization the problem or area lies. Prerequisites: 3.00 GPA in major field and 60 hours completed.

Methods of Teaching Computer Science (See EDU 4213).

CRIMINAL JUSTICE

CRJ 2313. Introduction to Criminal Justice - 3 hours (Spring)
An analysis of the criminal justice system in the United States. An examination of crime and nature of law, aspects of criminal law and procedure, the courts and adjudication, the process of justice, and law enforcement.

CRJ 2333. Judicial Process - 3 hours (Spring, even years)
An overview of major structures and processes which underlie the American judicial system, focusing on history and development of prosecution, defense, judge and jury practices at both the state and federal levels. Prerequisite: CRJ 2313.

CRJ 295(1-3). Special Topics - 1-3 hours (On demand)
A study of critical issues in criminal justice that are not covered in other course offerings. Areas of study will vary from year to year. Students may elect to repeat the course.

CRJ 3033. Serial Killers - 3 hours (Spring, odd years)
A topical study of the factors common to serial murders, emphasizing the distinctions between myth and fact, the psychological profiles of such murderers, and the impact of such crimes on victims and society.

CRJ 3313. Law Enforcement Organization and Administration - 3 hours (Fall)
An examination of the organization and administration of police departments and the role of law enforcement in relationship to the community and established political structure. Prerequisite: CRJ 2313.

CRJ 3373. Juvenile Delinquency - 3 hours (Spring)
An overview of the problem of juvenile delinquency and how it relates to society as a whole. Causation, prevention, control, and treatment will be examined. Prerequisite: CRJ 2313 or SOC 4033.

CRJ 4313. Corrections in America - 3 hours (Fall)
A systematic examination of the penal system and insight into its daily operations. Various theories of corrections will be explored. Prerequisite: CRJ 2313 or SOC 4033.

CRJ 4333. Criminal Law - 3 hours (Spring)
An overview of the general laws and crimes which effect law enforcement. Elements which are required to constitute a crime will be explored. Prerequisite: CRJ 2313.

CRJ 4373. Police Methods and Procedures - 3 hours (Fall)
Examination of law enforcement subjects including laws of search and seizure, laws of arrest, arrest procedures, criminal investigations, courtroom demeanor, rules of evidence, and patrol techniques. Prerequisites: CRJ 2313.

CRJ 495(1-4). Intensive Studies - 1-4 hours (On demand)
A study of critical issues in the field of criminal justice that are not covered in other course offerings. Areas of study will vary from year to year. Students may elect to repeat the course. Prerequisite: 12 hours criminal justice or consent of instructor.

CRJ 498(3-6) Internship - 3-6 hours (On demand)
The internship experience is designed to give the upper level criminal justice major supervised field experience in an area related to criminal justice. Prerequisites: Junior or senior standing, completed at least one-half of the major, minimum GPA of 3.0 and recommendation from a behavioral sciences faculty. Graded Pass/Fail.

ECONOMICS

ECO 2003. Literacy in Free Enterprise (LIFE) Economics - 3 hours (Fall, Spring, Summer, Winterfest)
This General Education course will help the student develop an understanding of economic systems based on freedom. It will emphasize the importance of individual initiative and involvement in day-to-day community and business matters. Developing literacy about individual responsibility in personal and community decision making is a primary concern. NOTE: For non-business majors; does not meet the Robert W. Plaster College of Business and Computer Science requirements. Not available to students who have taken a previous economics course. Prerequisite: 24 credit hours completed.

ECO 2023. Principles of Microeconomics - 3 hours (Fall)
A study of economic principles with emphasis upon microeconomics. Includes a study of economics of the firm, consumer demand theory and current problems. Prerequisite: 24 credit hours completed.

ECO 2033. Principles of Macroeconomics - 3 hours (Spring)
Study of the basic principles of macroeconomics designed to give a broad understanding of the economy. Emphasis upon aggregate problems and issues considered important to the nation. Prerequisite: 24 credit hours completed.

ECO 2043 (HON 2003). Honors Literacy in Free Enterprise (LIFE) Economics - 3 hours (Fall)
Honors LIFE Economics is the study of basic macro- and microeconomic concepts for non-business majors. This course will help the student develop an understanding of economic systems based on freedom. It will emphasize the importance of individual initiative and involvement in day-to-day community and business matters. Developing literacy about individual responsibility in personal and community decision-making is a primary concern. As an honors section, this class will explore the topic of free enterprise and economics through classroom discussion, enrichment activities and field trips. Prerequisite: Enrollment in the Dutile Honors Program or a minimum composite ACT of 26 or SAT equivalent.

ECO 2061. Enactus Practicum - 1 hour (Fall, Spring)
Enactus is an international non-profit organization that works with leaders in business and higher education to mobilize university students to make a difference in their communities while developing the skills to become socially responsible business leaders. Students apply business concepts to develop outreach projects that improve the quality of life and standard of living for people in need. This course may be taken a maximum of two times.

ECO 295(1-4). Special Topics in Economics - 1-4 hours (On demand)
Topics will vary with each offering; therefore, the course may be repeated for credit.

ECO 3023. Money and Banking - 3 hours (Fall)
Study of history and present characteristics of money and banking structure in the United States. Emphasis upon monetary policy as it affects economic activity. Prerequisites: ECO 2023 and ECO 2033.

ECO 3043. Managerial Economics - 3 hours (Spring)
Combines the basic tools used by economists with techniques common in other business disciplines. This course deals with how decisions are made in order to achieve an organization's goals. It emphasizes use of quantitative techniques to solve production, marketing, management and financing problems. Prerequisites: ECO 2023 and MGT 3013.

ECO 3053. International Economics/Finance - 3 hours (Fall, even years)
A study of theory and policy related to international capital flows, exchange rates, and financial management. International economic institutions and policies are analyzed. Prerequisite: ECO 2023 and ECO 2033.

ECO 3063. Capital and Credit Markets - 3 hours (On demand)
The principles involved in the market structure of interest rates along with the source and uses of funds in the financial markets. Prerequisite: ECO 3023.

ECO 4023. Special Topics in Economics/Finance - 3 hours (Winterfest)
A study and discussion of the theory, recent history and current problems of economics and finance issues. Prerequisite: 60 credit hours completed.

ECO 4061. Enactus Practicum - 1 hour (Fall, Spring)
Enactus is an international non-profit organization that works with leaders in business and higher education to mobilize university students to make a difference in their communities while developing the skills to become socially responsible business leaders. Students apply business concepts to develop outreach projects that improve the quality of life and standard of living for people in need. Prerequisite: junior or senior status. This course may be taken a maximum of two times.

ECO/FIN 4173. History of Finance and Economic Thought - 3 hours (Winterfest)
An introduction of the different economic schools of thought as well as recent economic developments. This course will also provide an introduction of the development of major topics in the field of finance. Prerequisites: ECO 2023, ECO 2033, and FIN 3053.

ECO 495(1-4). Intensive Studies in Economics - 1-4 hours (On demand)
Topics will vary with each offering; therefore, the course may be repeated for credit.

ECO 499(1-3). Independent Study in Economics - 1-3 hours (On demand)
Independent study of a topic not covered in the regular curriculum under the direction of a faculty member in whose field of specialization the area lies. Prerequisites: 3.00 GPA in major field and 60 credit hours completed.

EDUCATION

NOTE: EDU 2113, EDU 2313 and Field Experience I (observing/assisting) are prerequisites for admittance to upper-level elementary, middle and secondary education courses. EDU 3333 must be taken at Southwest Baptist University. EDU 2343 and EDU 2353 are also prerequisites for admittance to upper-level elementary methods courses. Enrollment in upper level education courses by all students seeking State Teacher Certification is limited to those students who have a cumulative GPA of 2.75, a GPA of 3.0 in content area coursework, a GPA of 3.0 in professional education coursework, passed all state required assessments, completed their file in the Office of

Teacher Education, and been approved by faculty in the Department of Department of Education and, in the case of students seeking K-12 or 9-12 certification, the approval of faculty in the respective department. Only professional education courses transferred from junior colleges and senior colleges having state-approved teacher education programs can be used to meet certification requirements. Students must earn a grade of "C" or better in all EDU courses.

EDU 2003. Curriculum Planning and Assessment - 3 hours (Fall, Spring)

The course uncovers the dynamics of planning and implementing year long, unit and daily instruction based on state standards, utilizing formative and summative assessments in student learning, analyzing grading practices and issues, interpreting standardized tests and statewide assessments, proctoring individual skill or academic assessments, and investigating the classroom teacher's role in district accreditation through the Missouri School Improvement Program (MSIP). Prerequisites: ENG 1113 and 2213, or ENG 1123, and a 2.50 GPA.

EDU 2113. Educational Psychology - 3 hours (Fall, Spring)

Study of social and behavioral theory, including the nature of educational psychology, measurement, personality, the classroom as a social system, learning and instruction. Prerequisites: ENG 1113 and 2213, or ENG 1123, and a 2.50 GPA. Students should be enrolled concurrently in Field Experience Level 1 or Field Experience Level l may be taken with EDU 2313, Foundations of Education.

EDU 2121. Field Experience Level 1: (observing/assisting) in Elementary School, Grades 1-6 - 1 hour (Fall, Winterfest, Spring)

Forty-five clock hours of supervised practical experience in the classroom at the elementary school level. Prerequisites: EDU 2113 or EDU 2313 (or either may be taken concurrently), 2.50 GPA and completion of the teacher education file. Permission from the Coordinator of Clinical Experiences must be obtained, and teacher candidate must pre-enroll. Course fee $10. Pass/Fail credit is given.

EDU 2131. Field Experience Level 1: (observing/assisting) in Middle/Jr. High - 1 hour (Fall, Winterfest, Spring)

Forty-five clock hours of supervised practical experience in the classroom at the middle/junior high level. Prerequisites: EDU 2113 or EDU 2313 (or either may be taken concurrently), 2.50 GPA and completion of the teacher education file. Permission from the Coordinator of Clinical Experiences must be obtained, and teacher candidate must pre-enroll. Course fee $10. Pass/Fail credit is given.

EDU 2141. Field Experience Level 1: (observing/assisting) in Secondary 9-12 or K-12 School - 1 hour (Fall, Winterfest, Spring)

Forty-five clock hours of supervised practical experience in the classroom at the secondary level. Prerequisites: EDU 2113 or EDU 2313 (or either may be taken concurrently), 2.50 GPA and completion of the teacher education file. Permission from the Coordinator of Clinical Experiences must be obtained, and teacher candidate must pre-enroll. Course fee $10. Pass/Fail credit is given.

EDU 2232. Introduction to Early Childhood Education - 2 hours (Spring)

This course is designed to provide an introduction to the study of early childhood education birth through eight years of age (grade 3). It includes a historical perspective, goals of early childhood education, the role of play in early childhood development, developmentally appropriate programs and curriculum models. Concurrent enrollment in EDU 2381 or EDU 2391 is required. Prerequisites: ENG 1113, 2213, or ENG 1123 and 2.50 GPA.

EDU 2243. Health, Safety and Nutrition for the Young Child - 3 hours (On sufficient demand)

Provides information about current concepts in the fields of health, safety and nutrition and their relationship to the young child; includes application of principles of health, safety and nutrition for young children. Prerequisites: EDU 2113 or EDU 2313 or concurrent enrollment and 2.50 GPA.

EDU 2283. Methods of Teaching Number Theory for Elementary and Middle School Teachers - 3 hours (Fall)

This course includes the use of sets and set notation to describe and define number properties and operations, an axiomatic development of the system of whole numbers through the use of logic, the development of algorithms and models for teaching addition, subtraction, multiplication, and division of whole numbers, integers, and rational numbers (fractions, decimals, and percentages) as well as developing methods for teaching proportional reasoning. Prerequisites: ENG 1113 and 2213, or ENG 1123 and 2.50 GPA.

EDU 2313. Foundations of Education - 3 hours (Fall, Spring)

The course presents major issues of schooling and education basic to professional preparation and an introduction to the teacher education program at Southwest Baptist University. Areas included are governance, finance, legal and ethical aspects of teaching, societal issues, cultural diversity, preparation for working with English language learners, and current topics in the field. Prerequisites: ENG 1113 and 2213, or ENG 1123 and 2.50 GPA. Teacher candidates should be enrolled concurrently in Field Experience 1 or Field Experience 1 may be taken with EDU 2113, Educational Psychology. Course fee $22 (Missouri Educator Profile).

EDU 2332. Teaching the Young Child - 2 hours (Fall)
This course provides a continuation of the study of early childhood education B birth through eight years of age (grade 3). It includes a study of how to establish and maintain a safe, healthy learning environment and how to set up a well-run, purposeful, developmentally appropriate program that is responsive to participant needs. Additionally, there is a focus on how to advance the physical, intellectual, social and emotional needs of young children with an emphasis on the application of brain research in the preschool and kindergarten classroom. Concurrent enrollment in EDU 2381 or EDU 2391 is required. Prerequisites: ENG 1113, 2213, or ENG 1123 and 2.50 GPA.

EDU 2343. Emergent Literacy - 3 hours (Fall, Spring)
This course develops an understanding of communication arts instruction with a particular focus on emergent language and literacy development. It is designed as a foundational course to additional reading methods courses and provides an understanding of how young children learn oral and written language, of the learning environment necessary for this learning to develop naturally, and the cultural and societal influences upon literacy development. Prerequisites: EDU 2113, 2313 or concurrent enrollment, 2.50 GPA, and 30 hours completed. Lamination fee $5.

EDU 2353. Children's Literature - 3 hours (Fall, Spring)
This course presents an overview of the various genres of children's literature with demonstrations of teaching and integrating literature in the early childhood through middle school classrooms. Prerequisites: EDU 2113, 2313 or concurrent enrollment, 2.50 GPA, and 30 hours completed. Lamination fee $5.

EDU 2381. Early Childhood Practicum I - 1 hour (Fall, Spring)
Thirty clock hours of experience at the early childhood level (birth through grade 3). Teacher candidates will experience a variety of early childhood facilities and apply developmentally appropriate practices for early childhood. Lab fee $12. Concurrent enrollment in EDU 2232 or EDU 2332 is required. Prerequisite: 2.50 GPA.

EDU 2391. Early Childhood Practicum II - 1 hour (Fall, Spring)
Thirty clock hours of experience at the early childhood level (birth through grade 3). Teacher candidates will experience a variety of early childhood facilities and apply developmentally appropriate practices for early childhood. Lab fee $12. Concurrent enrollment in EDU 2232 or EDU 2332 is required. Prerequisite: 2.50 GPA.

EDU 2463. Foundations of the Middle School - 3 hours (Fall)
A focus on the historical and philosophical foundations of the traditional junior high and subsequent middle school movement. This course will provide an examination of middle level practices and organizational components. Among these practices will be consultation and collaboration with colleagues, parents and the community. Prerequisites: EDU 2113 and 2313 or concurrent enrollment and 2.50 GPA.

EDU 2823. Technology for Educators - 3 hours (Fall, Winterfest, Spring)
Develops teachers who are able to apply critical thinking and problem solving skills to perform a variety of personal and professional technological functions. These functions include effective use of media to maximize student learning and to collaborate with colleagues, administrators, parents and the community. Students will be experience and use a wide variety of media and technological systems utilized in teaching and evaluating student learning. Prerequisites: CIS 1103 or 1033, EDU 2113, 2313 or concurrent enrollment and 2.50 GPA. Lab fee $20.

EDU 295(1-3). Special Topics in Education - 1-3 hours (On demand)
An intensified approach to selected education topics or subject matter not regularly offered by the department. Prerequisite: 2.50 GPA.

Enrollment in upper level education courses by all students seeking State Teacher Certification is limited to those students who have a cumulative GPA of 2.75, a GPA of 3.0 in content area coursework, a GPA of 3.0 in professional education coursework, passed all state required assessments, completed their file in the Office of Teacher Education, and been approved by faculty in the Department of Department of Education and, in the case of students seeking K-12 or 9-12 certification, the approval of faculty in the respective department.

EDU 3003. Teaching Social Sciences in Early Childhood and Elementary Schools - 3 hours (Fall, Spring)
This course is designed for interactive, integrated learning of methods, techniques, and skills for engaging early childhood and elementary students in social studies concepts. This course will focus on pedagogy, multiculturalism, cultural diversity, English language learners, utilizing social studies trade books in instruction, differentiated instruction, and integrating the arts. Prerequisites: EDU 2003, 2113, 2313, 2343, 2353, or 2121 and a 3.00 GPA.

EDU 3013. Analyzing and Amending Reading Problems - 3 hours (Fall, Spring)
In this course, students will learn about instructional techniques, reading assessments, diagnostic evaluations, and learning materials specifically designed to detect and correct reading difficulties. Students will administer and interpret a variety of reading assessments in order to diagnose students' difficulties and plan remediation lessons and activities. Students will practice test administration and diagnosis with students who are struggling with literacy development,

demonstrating the ethics of testing procedures and reporting. Prerequisites: EDU 2113, 2313, (2131 or 2141) and 2.75 GPA.

EDU 3043. Learner Development and the Classroom - 3 hours (Fall, Spring)

This course is concerned with the psychological development of children and adolescents during the school age years. The course will focus primarily on the cognitive, physical, social, personal and moral development of children and adolescents and the impact of these developmental areas on learning and behavior in the school classroom. Prerequisites: ENG 1113 and 2213, or ENG 1123 and 2.50 GPA.

EDU 3114. Teaching Reading/Language Arts in Early Childhood and Elementary Education I - 4 hours (Fall, Spring)

Teacher candidates examine the teaching of the language arts components (reading, writing, speaking, and listening) as well as "Literacy's Big 5." Teacher candidates will also explore approaches and strategies that are appropriate for use in facilitating developmental reading in today's early childhood and elementary classrooms. Specifically, topics include handwriting, the reading and writing process, phonics, phonemic awareness, language arts programs, and differentiated instruction. In addition, the broad topics of differentiated instruction and English language learners will be included. Prerequisites: EDU 2003, 2113, 2313, 2343, 2353, or 2121 and a 3.00 GPA. Lamination fee $5.

EDU 3124. Teaching Reading/Language Arts in Early Childhood and Elementary Education II - 4 hours (Fall, Spring)

Teacher candidates apply the principles of integrated language arts teaching throughout the curriculum. Teacher candidates will plan instruction and prepare materials to be used to foster developmental and functional reading skills that enable students to use reading as a tool to learn. Pre-service teachers will also assess and evaluate students with diverse needs in the regular classroom. Specific topics to be covered include multiple intelligences, vocabulary, fluency, spelling, grammar, comprehension, and listening/speaking. In addition, the broad topics of differentiated instruction and English language learners will be included. Prerequisites: EDU 2003, 2113, 2313, 2343, 2353, or 2121 and a 3.00 GPA. Lamination fee $5.

EDU 3143. Integrating Art, Music and Movement into the Early Childhood and Elementary School - 3 hours (Fall, Spring)

This course is designed to enable the student to integrate literature, art, music and physical education/movement into the early childhood and elementary classroom. Prerequisites: EDU 2003, 2113, 2313, 2343, 2353, or 2121 and 3.00 GPA.

EDU 3163. Teaching Integrated Math in Early Childhood and Elementary Education - 3 hours (Fall, Spring)

Analyzes methods of teaching mathematics in early childhood and elementary classrooms and integrating mathematics in other content areas in ways that are developmentally appropriate and are reflective of the NCTM standards. Methodology includes developing investigative lesson plans, using technology and learning centers in the math classroom, evaluating mathematics textbooks, formulating performance goals and objectives, and assessing the learning of mathematics. Prerequisites: EDU 2003, 2113, 2313, 2343, 2353, or 2121, two college level math courses above MAT 0123 and a 3.00 GPA.

EDU 3183. Teaching Integrated Science in Early Childhood and Elementary Education - 3 hours (Fall, Spring)

Analyzes methods of teaching science in the early childhood and elementary schools using process inquiry skills, integrating science with other content areas, and teaching science in ways that are developmentally appropriate and are reflective of the National Science Education Standards and the Missouri Grade-level Expectations. Prerequisites: EDU 2003, 2113, 2313,2343, 2353, or 2121, two science courses - a biological science with a lab and a physical science with a lab and a 3.00 GPA.

EDU 3212. Screening, Diagnosis and Prescription in Early Childhood Education - 2 hours (On demand)

A study of methods, procedures and instruments used in early childhood for screening and diagnosing individual children in order to prescribe specific learning activities. Prerequisites: EDU 2003, 2113, 2313, 2332, 2343, 2381, 2391 and a 3.00 GPA. Course fee $10.

EDU/ENG 3303. American Literature for Young Adults - 3 hours (Fall)

The study of young adult and ethnic American literature and of methods for teaching this literature in the middle and secondary school classrooms. Designed for those seeking teacher certification. Prerequisites: EDU 2003, 2113, 2313, Field Experience Level 1 and a 3.00 GPA.

EDU 3311. Field Experience Level 2 in Lower Elementary, Grades 1-3 - 1 hour (Fall, Spring)

Minimum of forty-five clock hours of supervised practical experience in the classroom at the early childhood level taken concurrently with methods courses. Prerequisites: EDU 2003, 2113, 2313, 2343, 2353, or 2121 and a 3.00 GPA. Permission from the Coordinator of Clinical Experiences must be obtained and teacher candidate must pre-enroll. Course fee $10. Pass/Fail credit is given.

EDU 3321. Field Experience 2 in Upper Elementary, Grades 4-6 - 1 hour (Fall, Spring)
Minimum of forty-five clock hours of supervised practical experience in the classroom at the elementary school level taken concurrently with methods courses. Prerequisites: EDU 2003, 2113, 2313, 2343, 2353, or 2121 and a 3.00 GPA. Permission from the Coordinator of Clinical Experiences must be obtained and teacher candidate must pre-enroll. Course fee $10. Pass/Fail credit is given.

EDU 3331. Field Experience Level 2 in Middle/Jr. High School (NOT SECONDARY) - 1 hour (Spring)
Minimum of forty-five clock hours of supervised practical experience in the classroom at the middle/junior high level taken concurrently with EDU 4493. Prerequisites: EDU 2113, 2131, 2313, 2463 and 3.00 GPA. Permission from the Coordinator of Clinical Experiences must be obtained, and teacher candidate must pre-enroll. Course fee $10. Pass/Fail credit is given.

EDU 3333. Principles and Methods of Secondary Instruction - (Fall, Spring)
This course will emphasize examining and implementing teaching methods, developing critical thinking and problem solving skills, analyzing learners and the learning process, refining communication skills, and constructing curriculum. EDU 3333 must be taken at SBU. A Field Experience Level 2 (EDU 3341) must be taken concurrently. Prerequisites: EDU 2113, 2313, 2141 and 3.00 GPA.

EDU 3341. Field Experience Level 2 in Secondary School - 1 hour (Fall, Spring)
Minimum of forty-five clock hours of supervised practical experience in the classroom at the secondary school level. Must be taken concurrently with EDU 3333. Prerequisites: EDU 2113, 2141, 2313 and 3.00 GPA. Permission from the Coordinator of Clinical Experiences must be obtained and teacher candidate must pre-enroll. Course fee $10. Pass/Fail credit is given.

EDU 3483. School, Home and Community Collaboration - 3 hours (Fall, Spring)
This course focuses on the history, current trends, and issues of family and community involvement in the schools. Materials, techniques, and resources for the improvement of home, school, and community partnerships and communication will be included. This course will prepare future educators to collaborate with other school professionals and families and take advantage of professional learning opportunities to benefit student learning and well-being. The importance of differentiated instruction and working with English language learners as they relate to student learning and collaboration will be addressed. Prerequisites: EDU 2003, 2113, 2313, 2343, 2353, 2121, and a 3.0 GPA.

EDU 3613. Content Area Literacy - 3 hours (Fall, Spring)
This course is designed to prepare middle school/junior high and/or secondary teachers to use functional reading and writing skills, strategies and techniques to enhance the reading and writing skills of learners as tools for learning in various content areas. Prerequisites: EDU 2113, 2313, Field Experience Level 1 and a 3.00 GPA.

EDU/MUS 3813. Elementary Music Education - 3 hours (Spring)
Study of administrative teaching techniques and survey of materials for teaching vocal and instrumental music in early childhood and elementary grades. Examination of musical concepts and skills appropriate at each age or learning level. Training in use of piano, recorder, autoharp and fretted instruments. Prerequisites: EDU 2113, 2141, 2313, MUS 1621 and 1623 (music majors and minors only). In order to be enrolled in EDU 3813 a GPA of 3.00 is required.

EDU 3823. Behavior and Classroom Management in Early Childhood and Elementary Education - 3 hours (Fall, Spring)
The content of this class is an exploration of the dynamics of behavior and management that make a community of learners in a classroom. Emotional, social, and physical aspects will be considered in making an environment conducive to teaching and learning. Management of student behavior, discipline approaches, cultural diversity, the presence of English language learners, and the total makeup of the classroom will be studied, discussed, researched, and observed in early childhood and elementary class settings. Prerequisites: EDU 2003, 2113, 2313, 2343, 2353, or 2121 and a 3.00 GPA.

EDU 3833. Behavior and Classroom Management - Secondary - 3 hours (Fall, Spring)
An examination of current and past principles of classroom management will be examined in light of biblical, theoretical, and philosophical assumptions concerning humankind. Modern theories of discipline will be evaluated as to effectiveness and will be contrasted with historical views of schooling and education. It is intended that teacher candidates will be challenged to contemplate methods of instructing and modeling behavior (proactively) instead of simply responding (reactively) to inappropriate student actions. Wisdom and virtue, the cornerstones of any education, will be discussed as goals versus simply controlling and conforming behavior. Prerequisites: EDU 2113, 2141, 2313 and 3.00 GPA.

EDU 4023. Methods of Teaching Social Science in the Middle and Secondary Schools - 2 hours (Spring)
Exploration of basic concepts within each of the social sciences and possible teaching methods. Prerequisites: EDU 2113, 2313, Field Experience Level 1, and a 3.00 GPA.

EDU 4213 Methods of Teaching Computer Science – 3 hours (On Demand)
This course for prospective secondary STEM teachers explores computer science as a discipline that encourages inquiry, creativity, and collaboration. Given that the nature of computing is investigative, the computer science activities will be hands-on to gain insights about teaching and learning computing concepts in classroom settings. Students will examine a variety of computing tools, virtual environments, and other instructional resources that support learning across STEM disciplines. Students will learn that pedagogical methods in computer science require intellectual rigor in order to develop lessons that are relevant to secondary students and pertinent to our culturally diverse world today.

EDU 4473. Psychology of the Middle School Student - 3 hours (Fall)
This course offers a broad overview of the history of young adolescent psychology, its advocates, researchers and its implications for middle level educational practices. Among the practices addressed will be the utilization of differentiated instruction to promote differentiated learning in young adolescents. Prerequisites: EDU 2113, 2131, 2313, 2463 and 3.00 GPA.

EDU 4493. Middle School Curriculum - 3 hours (Spring)
This course offers an in-depth study of curriculum development and instructional strategies targeting the young adolescent. Teacher candidates will develop pedagogical practices that meet the vast physical, emotional, social, intellectual and affective developmental needs of young adolescents. The course will emphasize differentiated instruction, responses to cultural diversity, meeting the instructional needs of English language learners as well as consultation and collaboration with colleagues, parents and the community. Middle school majors must take Field Experience Level 2 (EDU 3331) concurrently. Prerequisites: EDU 2113, 2131, 2313, 2463 and 3.00 GPA.

EDU 4502. Methods of Teaching Theatre - 2 hours (Spring)
An introduction to methods of teaching theatre in the secondary school. Topics include curriculum development; teaching strategies; and assessment. Additionally, this course addresses strategies for organizing and implementing a production schedule. Prerequisites: EDU 2113, 2313, Field Experience Level 1 and a 3.00 GPA.

EDU 4512. Methods of Teaching Art, K-12 - 2 hours (Fall)
Understanding motivation, materials and techniques in school art programs. Prerequisites: EDU 2113, 2313, Field Experience Level 1 and a 3.00 GPA.

EDU 4513. Methods of Teaching Mathematics in the Middle and Secondary Schools - 3 hours (Spring)
Theory and application of current practices in teaching mathematics in middle and secondary schools. Prerequisites: EDU 2113, 2313, Field Experience Level 1 and a 3.00 GPA.

EDU 4522. Methods of Teaching Science in the Middle and Secondary Schools - 2 hours (Fall)
Course will provide practical methods for the teacher candidate to use for the instruction of middle and secondary school students in such areas as laboratory safety, investigative and questioning skills. Course activities will include inquiry teaching, use of demonstrations in teaching, budgeting and supply ordering, science fairs and projects, and the use of the computer in the science classroom. Prerequisites: EDU 2113, 2313, Field Experience Level 1, and a 3.00 GPA.

EDU/ENG 4543. Methods of Teaching Writing in the Secondary School - 3 hours (Spring, odd years)
Theory and application in the teaching of writing and grammar in secondary schools with emphasis on the writing process. A requirement for secondary English majors. Prerequisites: EDU 2113, 2141, 2313 and a 3.00 GPA.

EDU 4552. Methods of Teaching Speech in the Middle and Secondary Schools - 2 hours (Fall)
Emphasis on principles, techniques and problems that are unique in teaching speech. Unit and course plans are developed for all areas of speech. Attention is given to directing forensic activities. Prerequisites: EDU 2113, 2313, Field Experience Level 1, and a 3.00 GPA.

EDU 4563. Methods of Teaching Foreign Language - 3 hours (On sufficient demand)
Study of methods of teaching modern languages in public school. Prerequisites: EDU 2113, 2313, Field Experience Level 1, and a 3.00 GPA.

EDU/MUS 4573. Methods of Teaching Vocal Music in the Middle and Secondary Schools - 3 hours (Fall, odd years)
Study of philosophy of music education, administrative and teaching techniques and materials for teaching vocal music in the middle and secondary schools. Music majors and minors only. Prerequisites: EDU 2113, 2141, 2313, MUS 1621, MUS 1623 and 3.00 GPA.

EDU/MUS 4582. Methods of Teaching Instrumental Music in the Middle and Secondary Schools - 2 hours (Fall, even years)
Study of philosophy of music education, administrative and teaching techniques and materials for teaching instrumental music in middle and secondary schools. Music majors and minors only. Prerequisites: EDU 2113, 2141, 2313, MUS 1621, MUS 1623 and 3.00 GPA.

EDU 4593. Spiritual Issues in Public Schools - 3 hours (On demand)
This course is designed to help teachers plan curriculum in ways that stay true to one's faith and helps teach Christian values in a multicultural community. Students will review which laws determine the religious rights of students and teachers in public schools and how to apply these laws to real situations in the classroom.

EDU 4691. Student Teaching Seminar - 1 hour (Fall, Spring)
This course is designed as a seminar/discussion section to accompany the student teaching clinical experiences of EDU 4929, 4939, 4949 and 4959. Students will refine their skills as reflective practitioners through a variety of experiences that focus on contemporary problems and issues in the field of education. Class discussion and guest presenters will provide a recap of the legal and ethical aspects of teaching. Prerequisites: EDU 2113, 2313, Field Experience Levels 1 and 2, and a 3.00 GPA.

EDU 4832. Assessment and Evaluation of Learners - 2 hours (Block-Fall, Spring)
Study of the principles of assessment from organizing the classroom as a social setting, to planning and conducting instruction based on sound objectives, to the formal assessment of student learning, to grading students and finally to interpreting standardized tests and statewide assessments. Prerequisites: EDU 2113, 2313, Field Experience Levels 1 and 2, and a 3.00 GPA. Must be taken as part of the professional block semester.

EDU 4842. Teaching Diverse Learners - 2 hours (Block-Fall, Spring)
Mentally, emotionally and physically exceptional children are studied. Diagnosis and methods of teaching gifted, mentally retarded, visual and sound-impaired, learning disabled and physically handicapped children and children with communication and behavior problems are included. The use of differentiated instruction to promote differentiated learning will be addressed. Prerequisites: EDU 2113, 2313, Field Experience Levels 1 and 2, and a 3.00 GPA. Must be taken as part of the professional block semester.

EDU 4929. Student Teaching in the Elementary School - 10 hours (Block-Fall, Spring) - for Elementary Majors
Observation, participation and directed teaching in public schools. Prerequisites: Unconditional admittance to Teacher Education Program. Must be taken as part of the professional block semester. Student Teaching fee $600 includes the cost of the Missouri Pre-Service Teacher Assessment (an additional fee will be assessed to teacher candidates allowed to student teach beyond the 50 mile radius).

EDU 4939. Student Teaching in the Middle School - 10 hours (Block-Fall, Spring) for Stand Alone Middle School Majors
Observation, participation and directed teaching in public schools. Prerequisites: Unconditional admittance to Teacher Education Program. Must be taken as part of the professional block semester. Student Teaching fee $600 includes the cost of the Missouri Pre-Service Teacher Assessment (an additional fee will be assessed to teacher candidates allowed to student teach beyond the 50 mile radius).

EDU 4949. Student Teaching in the Secondary School - 10 hours (Block-Fall, Spring) for Secondary Certification
Observation, participation and directed teaching in public schools. Prerequisites: Unconditional admittance to Teacher Education Program. Must be taken as part of the professional block semester. Student Teaching fee $600 includes the cost of the Missouri Pre-Service Teacher Assessment (an additional fee will be assessed to teacher candidates allowed to student teach beyond the 50 mile radius).

EDU 4959. Student Teaching in the K-12 School System - 10 hours (Block-Fall, Spring) for Art K-12, Music K-12, and Physical Education K-12 Majors
Observation, participation and directed teaching in public schools. Prerequisites: Unconditional admittance to Teacher Education Program. Must be taken as part of the professional block semester. Student Teaching fee $600 plus the cost of the Missouri Pre-Service Teacher Assessment (an additional fee will be assessed to teacher candidates allowed to student teach beyond the 50 mile radius).

EDU 495(1-3). Intensive Studies in Education - 1-3 hours (On demand)
An intensified approach to selected education topics or subject matter not regularly offered by the department. Prerequisites: EDU 2003, 2113, 2313, Field Experience Levels 1 and 2, and a 3.00 GPA.

EDU 499(1-3) Independent Studies (Elementary Majors) - 1-3 hours (On demand)
Advanced studies of specific topics arranged by department chair. Prerequisites: EDU 2003, 2113, 2313, Field Experience Levels 1 and 2, and a 3.00 GPA.

ENGLISH

ENG 0103. English Skills - 3 hours (Fall, Spring)
Introduction to and practice in formal English with emphasis upon basic sentence and paragraph skills. This course does not count toward the 128 hours required for graduation. Students placed in this course due to their ACT/SAT scores must make at least a C grade in ENG 0103 to take ENG 1113. However, those placed in ENG 0103 on the basis

of the ACT/SAT scores may bypass ENG 0103 and take ENG 1113 on the evidence of writing skills demonstrated on a departmental exam.

ENG 1003. English as a Second Language - 3 hours (On demand)
First course for the student whose native tongue is not English, unless the student presents transferred credit for ENG 1113.

ENG 1113. English Composition I - 3 hours (Fall, Spring)
Expository writing based on a study of essays. In addition to the writing of essays, a student will write a research paper. Prerequisite: An English score of at least 18 on the ACT examination in English or at least a C grade in English 0103.

ENG/HON 1123. Honors Composition - 3 hours (Fall, On demand in Spring)
An honors-level course in expository writing based on a study of imaginative literature. The course fosters the development of writing and research skills. Fee $2. Prerequisite: An English score of at least 28 on the ACT examination. A grade of C or above in this course and the payment of a transcription fee permit the student to receive credit for ENG 1113 also.

ENG 2213. English Composition II - 3 hours (Fall, Spring)
Expository writing based on a study of imaginative literature. The course fosters the development of writing and research skills. Fee $2. Prerequisite: ENG 1113.

ENG 231(2-3). Survey of World Literature – 2-3 hours (Fall, Spring)
Masterpieces of world literature, from antiquity to the twentieth century. Prerequisite: Completion of the general education requirement in composition.

ENG 295(1-4). Special Topics - 1-4 hours
The study of selected language and literary topics. Prerequisite: Completion of the general education requirement in composition.

ENG/ESL 3003. ESL: Methods - 3 hours (Spring, odd years)
A course designed to introduce in-service or pre-service teachers to current methods and techniques used to instruct students in learning English as a second language regardless of the age group or goal. Prerequisite: Completion of the general education requirement in composition.

ENG/WRT 3013. Writing Poetry - 3 hours (Spring, odd years)
A workshop in the writing of original poetry, based on a study of poetic characteristics and genres. Prerequisite: Completion of the general education requirement in composition.

ENG/WRT 3023. Writing Creative Nonfiction –3 hours (Fall, even years)
A workshop in creative nonfiction writing utilizing readings from varying genres and peer/instructor feedback. Prerequisite: Completion of the general education requirement in composition.

ENG/WRT 3033. Writing Creatively for Young Adults –3 hours (Spring, even years)
A workshop in learning to write creatively for young adults in a variety of genres. Prerequisite: Completion of the general education requirement in composition.

ENG 3233. Medieval and Renaissance English Literature - 3 hours (Fall, even years)
Literature of England from Beowulf to Shakespeare. Prerequisite: Completion of the general education requirement in composition.

ENG 3243. Seventeenth and Eighteenth-Century English Literature - 3 hours (Spring, even years)
Literature of England from Donne to Boswell. Prerequisite: Completion of the general education requirement in composition.

ENG/EDU/ESL 3303. American Literature for Young Adults - 3 hours (Fall)
The study of young adult and ethnic American literature and of methods for teaching this literature in the middle and secondary school classroom. Designed for those seeking teacher certification. Prerequisite: Completion of the general education requirement in composition. In order to enroll in EDU 3303 a GPA of 3.00 is required.

ENG 3313. American Literature I - 3 hours (Fall)
Literature of America from Colonial Period to Romantic Period. Prerequisite: Completion of the general education requirement in composition.

ENG 3323. American Literature II - 3 hours (Spring)
Literature of America from Age of Realism to present. Prerequisite: Completion of the general education requirement in composition.

ENG 3333. The Romantic Period - 3 hours (Fall, even years)
Literature of England from Blake to Keats. Prerequisite: Completion of the general education requirement in composition.

ENG 3343. The Victorian Period - 3 hours (Spring, odd years)
Literature of England from Tennyson to Hopkins. Prerequisite: Completion of the general education requirement in composition.

ENG/WRT 3353. Advanced Composition - 3 hours (Fall, Spring)
Advanced expository writing, based on a study of contemporary prose. Prerequisite: Completion of the general education requirement in composition.

ENG/ESL 3363. History of the English Language - 3 hours (Spring, even years)
The development of the English language from its beginning to the present. Prerequisite: Completion of the general education requirement in composition.

ENG/ESL 3373. Structure of the English Language - 3 hours (Fall)
Detailed study of current English sounds, grammar and usage. Prerequisite: Completion of the general education requirement in composition.

ENG/WRT 4003. Technical Writing - 3 hours (Fall, even years)
The application of rhetorical principles to the writing of investigative and descriptive reports on scientific and technological subjects. Prerequisite: Completion of the general education requirement in composition.

ENG/WRT 4013. Writing Short Fiction - 3 hours (Fall, odd years)
A workshop in short fiction writing utilizing readings from varying fiction genres and peer/instructor feedback. Prerequisite: Completion of the general education requirement in composition.

ENG 4023. Contemporary British Literature – 3 hours (Fall, odd years)
A focused study of the works of a specific author or genre of British literature ranging from the twentieth century to the present. Prerequisite: Completion of the general education requirement in composition.

ENG 4033. Focused Readings in American Literature —3 hours (Spring, even years)
A focused study of the works of a specific author or genre of American literature. Prerequisite: Completion of the general education requirement in composition.

ENG/ESL 4043. ESL: Design and Assessment - 3 hours (Spring, odd years)
An examination of curriculum design and testing techniques in an ESL educational environment. Prerequisite: Completion of the general education requirement in composition.

ENG/ESL 4053. ESL: Practicum for ESL Teachers - 3 hours (On demand)
A practicum in which students demonstrate in a field-based setting the knowledge and skills developed in previous ESL coursework. This class is designed to prepare students for leadership roles in the development and management of ESL, Bilingual, or modern-language programs. Prerequisites: Completion of the general education requirement in composition, three credit hours of ESL, and three credit hours of linguistics (preferably ENG 3373).

ENG/THR 4413. Shakespeare - 3 hours (Spring, odd years)
Tragedies, histories and comedies of Shakespeare. Prerequisite: Completion of the general education requirement in composition.

ENG/EDU 4543. Methods of Teaching Writing in the Secondary Schools - 3 hours (Spring, odd years)
Theory and application in the teaching of writing and grammar in secondary schools with emphasis on the writing process. A requirement for English majors pursuing secondary certification. Prerequisites: EDU 2113, 2313, and completion of the general education requirement in composition. In order to enroll in EDU 4543 a GPA of 3.00 is required.

ENG 495(1-4). Intensive Studies - 1-4 hours (On demand)
The study of selected language and literary topics. Prerequisite: Completion of the general education requirement in composition.

ENG 499(1-3). Independent Studies - 1-3 hours (On demand)
Advanced studies of specific topics. Prerequisite: Completion of the general education requirement in composition.

ENGLISH AS A SECOND LANGUAGE (ESL)

ESL/ENG 3003. ESL: Methods - 3 hours (Spring, odd years)
A course designed to introduce in-service or pre-service teachers to current methods and techniques used to instruct students in learning English as a second language regardless of the age group or goal. Prerequisite: Completion of the general education requirement in composition.

ESL/ENG/EDU 3303. American Literature for Young Adults - 3 hours (Fall)
The study of young adult and ethnic American literature and of methods for teaching this literature in the middle and secondary school classroom. Designed for those seeking teacher certification. Prerequisite: Completion of the general education requirement in composition. In order to enroll in EDU 3303 a GPA of 3.00 is required.

ESL/ENG 3363. History of the English Language - 3 hours (Spring, even years)
The development of the English language from its beginning to the present. Prerequisite: Completion of the general education requirement in composition.

ESL/ENG 3373. Structure of the English Language - 3 hours (Fall)
Detailed study of current English sounds, grammar and usage. Prerequisite: Completion of the general education requirement in composition.

ESL/ENG 4043. ESL: Design and Assessment - 3 hours (Spring, odd years)
An examination of curriculum design and testing techniques in an ESL educational environment. Prerequisite: Completion of the general education requirement in composition.

ESL/ENG 4053. ESL: Practicum for ESL Teachers - 3 hours (On demand)
A practicum in which students demonstrate in a field-based setting the knowledge and skills developed in previous ESL coursework. This class is designed to prepare students for leadership roles in the development and management of ESL, Bilingual, or modern-language programs. Prerequisites: Completion of the general education requirement in composition, three credit hours of ESL, and three credit hours of linguistics (preferably ENG 3373).

EXERCISE SCIENCE

ESC 1013—Introduction to Exercise Science - 3 hours (Spring)
A course designed to help students develop perspectives in the field of exercise science. Students will examine the different areas of study within the field, kinds of programs, qualifications needed to enter the field, career opportunities, and issues facing exercise science professionals.

ESC 4001—Exercise Science Capstone - 1 hour (Fall)
Exploration of exercise science knowledge and issues facing professionals in the field. Students will prepare to take the ACSM Health Fitness Instructors Exam or the NSCA Certified Strength and Conditioning Specialist Exam. Prerequisites: Limited to students enrolled in final semester of senior year.

ESC 4033. Special Populations - 3 hours (Spring)
Focusing on the specific needs of people with a certain disease, condition, or stage of life, this course surveys in the areas of exceptionalities that occur within different special populations. It is designed to help the student identify and understand the uniqueness of the exceptional individual.

ESC 4043—Exercise Science Practicum - 3 hours (Spring)
Credit given for hands-on experience gained through exercise prescription and training of selected volunteer clients. Prerequisite: 64 hours completed.

ESC 4053—Biomechanical Analysis - 3 hours (Fall)
A course to acquaint students with various evaluation methods in exercise science and exercise physiology. Practice is given to administering tests and interpreting results with appropriate statistical procedures. Prerequisite: 64 hours completed, PSY/SOC 3243 Elementary Statistics. Course fee $25.

ESC 4986—Exercise Science Internship - 6 hours (Fall, Spring, Summer, Winterfest)
A fulltime residency for on-the-job training under the supervision of an exercise science professional. Includes observation, supervision, planning, instruction, direct leadership and evaluation. Minimum requirement-240 hours. Prerequisites: A minimum grade of "C" in all exercise science courses; a minimum overall GPA of 2.00 in all course work taken at SBU prior to application for internship and prior to internship itself; restricted to Exercise Science majors of senior standing; advanced application no later than September or February of preceding semester. Course fee $100.

FINANCE

FIN 295(1-4). Special Topics in Finance - 1-4 hours (On demand)
Topics will vary with each offering; therefore, the course may be repeated for credit.

FIN 3003. Personal Financial Planning - 3 hours (Spring)

Topics to be studied include budgeting, banking, major consumer purchases (including lease vs. buy decisions), home ownership, all types of personal insurance (from liability to disability), investments, estate planning and taxes. Prerequisite: 24 credit hours completed.

FIN 3053. Business Finance - 3 hours (Fall)
Study of the principles of financing short-term and long-term capital needs of business firms in keeping with an objective of maximizing the firm's value to its shareholders, i.e., stock price. Special attention given to Capital Asset Pricing Model, the various capital budget theories and computer applications. Prerequisites: ACC 2043 and BUS 2023.

FIN 4023. Special Topics in Finance/Economics - 3 hours (On Demand)
A study discussion of the theory, recent history and current problems of economics and finance issues. Prerequisite: 60 credit hours completed.

FIN 4033. Introduction to Derivatives - 3 hours (Spring, odd years)
This course provides the student with a working knowledge of options, forwards, futures, and swap markets. The course provides the student with techniques that enable him or her to discuss, analyze, value, and use derivative securities to manage both financial and commodity price risk. Hedging with derivative securities is emphasized. Considerable attention is paid to the role of options and option pricing models in corporate finance. Prerequisites: FIN 3003 and FIN 3053.

FIN 4053. Investments - 3 hours (Spring, even years)
A study of the entire field of investments with major emphasis on security valuation theories, security markets, portfolio management and computer applications in the investment decision making process. Course fee $12. Prerequisites: FIN 3003 and FIN 3053.

FIN 4063. Commercial Banking - 3 hours (On demand)
An examination of the operation of commercial banks, trust companies, and other credit institutions. Special attention will be given to recent bank legislation, bank valuation, performance, strategic planning, asset-liability management, risk management, credit risk, money management services, and off-balance sheet risks. Trends such as consolidation, internationalization, and product diversification will also be addressed. At its core the class will use banks as the model but other financial service providers such as savings and loans and brokerage firms will be covered as well. Prerequisite: ACC 2043.

FIN 4073. Insurance - 3 hours (Fall, odd years)
An introduction to the use of insurance as a risk management tool. Specific attention will be given to the structure of the insurance market, current issues regarding regulation and reform of insurance, and the use of insurance by firms and individuals to appropriately manage risk. Prerequisite: FIN 3003.

FIN/ECO 4173. History of Finance and Economic Thought - 3 hours (Winterfest)
An introduction of the different economic schools of thought as well as recent economic developments. This course will also provide an introduction of the development of major topics in the field of finance. Prerequisites: ECO 2023, ECO 2033, and FIN 3053.

FIN 495(1-4). Intensive Studies in Finance - 1-4 hours (On demand)
Topics will vary with each offering; therefore, the course may be repeated for credit.

FIN 499(1-3). Independent Study in Finance - 1-3 hours (On demand)
Independent study of some problem or area in the major not covered in the organized courses. The study is under the direction of a faculty member in whose field of specialization the problem or area lies. Prerequisites: 3.00 GPA in major field, and 60 credit hours completed.

FINE ARTS

FAR 1003. Introduction to Fine Arts - 3 hours (Fall, Spring)
A course designed to help the general education student to develop a basic understanding of music and art of various cultures and historical periods. Course fee $30.

FAR/ART 1013. Introduction to Art - 3 hours (Spring)
An introduction to art from all historical periods to help the non-art major develop an understanding of the role of art in the life of man and the value of art to the individual. Required for art majors. Course fee $30.

FAR 1023. Introduction to Music - 3 hours (Fall, Spring)
A course to help the non-music major develop a basic understanding of music from historical periods of the western world and gain exposure to music of various non-western cultures. Course fee $30.

FAR/THR 1033. Introduction to Theatre - 3 hours (Fall)
A study of the history and literature of the theatre with introductory participation in the areas of acting and stagecraft. Emphasis on reading and attending plays. Course fee $30.

FRENCH

FRE 1114. Elementary French I - 4 hours (On demand in Fall)
Pronunciation, conversation, reading, composition and basic grammar.
FRE 1124. Elementary French II - 4 hours (On demand in Spring)
Continuation of FRE 1114. Prerequisite: FRE 1114 or satisfactory placement scores or one year of high school French.

GEOGRAPHY

GEO 1103. Geography - 3 hours (Fall, Spring)
Basic survey introducing the various elements of geographical study. Course fee: $2.

GERMAN

GER 1114. Elementary German I - 4 hours (On demand in Fall)
Pronunciation, conversation, reading, composition and basic grammar.
GER 1124. Elementary German II - 4 hours (On demand in Spring)
Continuation of GER 1114. Prerequisite: GER 1114 or satisfactory placement scores or one year of high school German.

GREEK

GRE 2014. Elementary Greek I - 4 hours (Fall, odd years)
Study of the basic elements of New Testament Greek, stressing vocabulary, conjugation, declension, composition and translation. Prerequisites: BIB 1013, 1023.
GRE 2024. Elementary Greek II - 4 hours (Spring, even years)
Continuation of GRE 2014. Oral and written exercises continued; introduction to Greek New Testament through passages which are relatively uncomplicated. Prerequisite: GRE 2014.
GRE 3013. Intermediate Greek - 3 hours (Fall, even years)
Review of grammar principles. Stress on translation and interpretive significance of grammatical constructions in the Greek New Testament. Prerequisite: GRE 2024.
GRE 3023. Advanced Greek - 3 hours (Spring, odd years)
Extensive reading in the Greek New Testament with emphasis upon syntax and careful, accurate exegesis. Prerequisite: GRE 3013.
GRE 495(1-3). Intensive Studies in Greek - 1-3 hours
Exegetical studies in selected books or passages of the Greek New Testament. The course may be taken more than once. Prerequisite: GRE 3023.

HEALTH SCIENCES

HSC 1009 Emergency Medical Technician – 9 credit hours (Fall, Spring)
The course is designed for individuals interested in becoming Emergency Medical Technicians. Emphasis will be placed on the development of knowledge and skills needed to provide basic lifesaving care. In addition, the student will be given the opportunity to use their skill in the ambulance and clinical setting.
HSC/NUR 1013. Medical Terminology - 3 hours (On demand)
This course focuses on the basic principles of medical terminology and application to the day-to-day work of allied health personnel. This course does not fulfill the elective requirement for the B.S.N. program.
HSC 2001. Role of the Community Paramedic in the Health Care System - 1 hour (On demand)
In this course students will define the role of the Community Paramedic role and explain the "scope of practice." In addition, the students will learn about how advocacy using Christian Discipleship is utilized in the community to help the underserved in health and social services at the local level. Students will learn the concept of being a liaison and

learn how to inquire about the structure and intent of services and how to work effectively using positive communication skills in working with the service networks.

HSC 2111. Social and Cultural Determinants of Health – 1 hour (On demand)

In this course students will understand the social determinants of the health model and multicultural populations. This course builds on the foundation of EMS assessment and teaches students a new way to assess transcultural and spiritual needs of patients who require more than just medical care.

HSC 2162. The Community Paramedic's Personal Safety and Wellness - 2 hours (On demand)

This course emphasizes the importance of Community Paramedic's balancing stress and wellness while ensuring their personal safety. This course covers the healthcare theories on caring for oneself is a priority when caring for others. Students will develop a personal health and wellness plan that includes a self-assessment for stress and developing ways of coping with such stress. In addition students will complete service learning activities in various environments and people of various backgrounds to emphasize the importance of patient safety and wellness.

HSC 2212. Public Health and Primary Care Role of the Community Paramedic - 2 hours (On demand)

This course introduces students to different types of interventions the Community Paramedic may be asked to participate in to address the needs of specific patients or for their community in general. Students will learn how their role in public health and primary care.

HSC 2314. The Community Paramedic's Role Within the Community - 4 hours (On demand)

In this course student will develop an understanding of the community by performing a needs assessment, identifying available resources, and identifying clients who are in need of assistance. Students will analyze a variety of community web resources and pair the appropriate client to the appropriate resource while tracking the patient's progress.

HSC 2812. Community Paramedic Clinical - 2 hours (On demand)

In this course students will understand and provide clinical care for the identified population. Paramedics will be taught how to assess, treat, and stabilize acute illnesses and injuries. This lab will introduce the Community Paramedic to a more detailed history and physical assessment of the sub-acute, semi-chronic patient and chronic conditions they may encounter in the community setting. 1 credit hour is equal to 51 hours of clinicals. 102 clinical hours are required for program completion.

HSC/NUR 3003. Legal and Ethical Issues for Health Professionals - 3 credit hours - (On demand)

This course introduces ethical and legal concepts. Explores the basic principles of ethics and the law and how they affect health care decisions. Examines the responsibilities of health care professionals in legal matters and ethical dilemmas. Emphasizes a Christian approach to the law and ethics in health care.

HSC/NUR 3013. Organization and Delivery of Health Care - 3 hours - (On demand)

This course provides an overview of health care delivery systems, examining such influencing forces as history, values and resources. Considers the role of reimbursement methods, technology, personnel and public policy in health care delivery. Explores the structures, processes, outcomes and challenges of the U.S. health care system.

HSC/NUR 3043. Missionary Nursing - 3 hours (Summer)

The focus of this course is on the MCONHS annual Ecuador nursing missions trip. This course examines the culture of the area, our mission as nurses, Christ's call upon our lives, and the ministry of nursing. ASN or BSN course elective, ASR or BSHS course elective.

HSC/NUR 3073. Patient Education and Health Promotion - 3 hours (On demand)

This course focuses on patient education and health promotion methods for a variety of clinical settings. Students will go through the educational nursing process of assessment of client's needs, establishing nursing diagnoses, writing learning objectives, establishing learning activities/ interventions, and evaluation of their educational intervention and learning objectives. Health promotion and health belief models and theories will be integrated into this patient education process. Students will examine techniques of, and barriers to, health education in various health care settings. ASR BSHS elective.

HSC/NUR 3083. Clinical Genetics- 3 hours (On demand)

This course focuses on the fundamentals of genetics. The course is designed to give the student a basic understanding of genetic concepts so that this knowledge can be utilized to understand current and future genetic theories and therapeutics. ASN, BSHS, or BSN course elective.

HSC/NUR 3093. Survey of Human Anatomy and Physiology for Nursing and Health Sciences - 3 hours (Fall, Spring)

This course is designed as a refresher course for students who have outdated (>5 years) coursework in human anatomy and physiology. The course will be offered as an accelerated compendium of key concepts of human anatomy and physiology.

HSC/NUR 3103. Basics of APA Writing in Health Care - 3 hours (On demand)
This course introduces students to the basic organization of the sixth edition of the Publication Manual. Students will be provided guidelines to format reports, essays, and research documents according to the standards set by the American Psychological Association (APA), 6th edition, or the most updated edition of the Publication Manual. This course will develop a standard writing practice for clarity in layout, punctuation, grammar, spelling, font size, and type by creating an overall consistency in the final documents recognized by publishers throughout the industry. The course will also provide defining foundational expectations and standards that foster and develop strong communication skills for the student to listen, write, and speak effectively to promote respect and credibility. ASR/BSHS elective course.

HSC/NUR 3202. Foundations of Learning - 2 hours (On demand)
This course gives students a solid foundation for successful professional learning. The course orients students to the online learning environment, including how to use the learning management system, how to conduct research online using electronic library databases, how to write academic papers using APA format, and how to access essential information related to courses, registration, and grades. Students will examine the core competencies of their program in light of personal and professional goals, and will develop a professional résumé. ASN, BSHS, or BSN course elective.

HSC 3204. Computed Tomography Imaging - 4 hours (On demand)
This course examines normal anatomical structures and the relative position of organs to one another in the sagittal, coronal, oblique, and transverse planes. Normal structures of the head, neck, thorax, abdomen, pelvis, spine, and extremities will be presented and compared to various abnormalities typically revealed through the use of computed tomography. Content includes contrast media, scanning methods, image display, computer post-processing and radiation protection.

HSC 3214. Computed Tomography Physics and Instrumentation - 4 hours (On demand)
This course presents a study of the physical principles, instrumentation, and clinical application of computed tomography. Physical principles related to data acquisition and image formation will be presented as well as artifacts and other factors affecting image quality. Image production, clinical application, and protocol options will be presented for the following anatomical regions: central nervous system, musculoskeletal regions, neck, chest, abdomen, and pelvis.

HSC 3324. Magnetic Resonance Imaging Physics - 4 hours (On demand)
This course provides in depth information regarding pulse sequences, image formation, and contrast. Emphasis is placed on details of MR parameters, pulse sequences, methods of data acquisition, imaging options, image artifacts, and quality assurance to enable the student to maximize MR quality by understanding the fundamentals of MR.

HSC 3334. Magnetic Resonance Imaging - 4 hours (On demand)
This course provides a knowledge base necessary to perform standard magnetic resonance imaging procedures. Content includes MRI imaging procedures and sectional anatomy and physiology relating the central nervous system and the musculoskeletal system, cardiovascular system, thorax, abdomen, pelvis, and special imaging procedures. The study of normal anatomy and pathologic conditions aid the student in recognizing the need for imaging changes based on these conditions. Topics covered include clinical considerations regarding contrast administration and safety, magnetic field safety, and procedural considerations for optimal scanning techniques.

HSC/NUR 3373. Professional Health Care Practice – 3 hours (Fall, Spring)
This course examines professional concepts that guide health care practice. The concepts build on prior education and experience to enhance professional growth. These concepts include evidence-based practice, ethics, professional organizations, political action, health care economics, and future trends in health care.

HSC/NUR 3453. Spirituality in Health Care – 3 hours (Fall, Spring)
This course explores personal Christian spiritual development, theory, and diverse models of spirituality emphasizing their impact on health care settings. Spiritual practices and the responsibilities and issues of spiritual care are examined. Christian discipleship and a Christian theology are discussed as they apply to professional practice in a secular environment.

HSC 3464. Interventional Procedures Physics and Instrumentation - 4 hours (On demand)
This course offers instruction on the principles of instrumentation in vascular and visceral interventional radiology. Visceral and vascular anatomy and pathology will be examined. Skills will be developed in the selection, operation and function of imaging equipment. Topics addressed include cineangiography, panning and positioning criteria, hemodynamic data, angioplasty, pressure measurement, and various vasodilator techniques. Discussion of pre-procedural and post-procedural assessment and protocol including laboratory and medication guidelines will be addressed. Other topics covered include contrast media reaction, conscious sedation, surgical aspepsis, and radiation protection.

HSC 3474. Interventional Procedures Imaging I - 4 hours (On demand)
This course provides in depth coverage of the anatomy and physiology pertinent to the head, neck, central nervous system, and viscera as well as pathological conditions. Instrumentation and pharmacoangiography is discussed. Topics addressed include thrombolysis, vasodilatation, vasoconstriction, and nonvascular interventional procedures.

HSC/NUR 3563. Health Care Informatics - 3 hours (Fall, Spring)
This course focuses on the investigation of computer technology and information science to identify, gather, process and manage information. An understanding of information and technology theory, computer and decision-making systems, data management and electronic information retrieval will be presented with relevance to patient care, health care management and health care research.

HSC/NUR 4013. Health Care in Culturally Diverse Populations - 3 hours (Fall, Spring, Summer)
This course explores current issues in health care pertaining to culturally diverse populations from a Christian perspective. Examines the social, economic, political, environmental, and religious factors that affect health in different cultural groups. Identifies therapeutic health care practices for culturally diverse clients, families, and communities.

HSC/NUR 4023. Health Care Finance - 3 hours (On demand)
This course examines financial principles, techniques, vocabulary, and procedures used to manage health care budgets and operations. Students will learn how to assess the health care financial environment, seek appropriate data, analyze information, and apply the results to the management of daily operations, using a Christian approach to fiscal responsibilities. ASR, BSHS elective.

HSC 4143. Research for Health Care Professionals - 3 hours (On demand)
This course develops critical thinking skills, life-long learning skills, and the ability to work in a health care setting with the knowledge of practical research skills.

HSC 422(1-4). Computed Tomography Clinical Education – 1-4 hours (On demand)
This course provides supervised clinical practice experience designed for sequential development, application, critical analysis, integration, synthesis, and evaluation of concepts and theories in the performance of computed tomography procedures. Content includes experience in CT scanning techniques, safety procedures, image evaluation, image post processing, patient care, and professional development. Clinical fee $100.

HSC 423(1-4). Magnetic Resonance Imaging Clinical Education – 1-4 hours (On demand)
This course provides supervised clinical practical experience designed for sequential development, application, critical analysis, integration, synthesis, and evaluation of concepts and theories in the performance of magnetic resonance imaging procedures. Content includes experience in MR scanning techniques, safety procedures, image evaluation, image post processing, patient care, and professional development. Clinical fee $100.

HSC 424(1-4). Interventional Procedures Clinical Education- 1-4 hours (On demand)
This course includes supervised clinical practice experience designed for sequential development, application, critical analysis, integration, synthesis, and evaluation of concepts and theories in the performance of interventional procedures. Content includes experience in interventional procedure techniques, safety procedures, image evaluation, image post-processing, patient care, and professional development. Clinical fee $100.

HSC/NUR 4333. Research and Evidence Based Practice - 3 hours (Fall, Spring)
This course introduces students to the elementary components of the research process and the application of research to professional practice including the retrieval of relevant literature and critical appraisal. An emphasis is placed on the combined use of literature, clinical judgment, interprofessional perspectives, and patient preferences to guide practice decisions. Legal and ethical conduct for health care professionals involved in research and quality improvement involving diverse populations are examined. The role of theory in the research process with contribution to the development of health care knowledge is explored. ASR or BSHS elective.

HSC 4343. Human Resource Management for Health Care Professionals - 3 hours (On demand)
This course examines the complexities and multiple issues involved in human resources management in health care organizations. It provides the student with the opportunity to explore the human resources in health care and their unique perspectives. ASR, BSHS elective

HSC 4441. Capstone (registration with permission only) - 1 hour (Fall, Spring)
This course provides an exploration and synthesis of knowledge and practice issues facing the health care profession and the health care system, and includes a discussion of issues in practice, education, and research. Each student will reflect on their learning in the BSHS program and evaluate their achievement of the BSHS Program Competencies. This class is limited to students who are enrolled in the final semester of senior year and intend to graduate at the end of this semester.

HSC 4443. Leadership for Health Professionals - 3 hours (Fall, Spring)
This course examines the knowledge and skills necessary to be an effective leader and administrator in the current changing health care environment. There will be a focus on the application of servant leadership and the ability to design and implement programs. ASR or BSHS elective.

HSC/NUR 499(1-3). Independent Studies - 1-3 hours (On demand)
Student-proposed topics in nursing practice, education or research which are approved by faculty and department chair for independent study. ASN, ASR, BSHS, or BSN course elective.

HEBREW

HEB 2014. Elementary Hebrew I - 4 hours (Fall, even years)
Introduction to the basic skills of translating biblical Hebrew with emphasis upon vocabulary, grammar, composition and translation. Prerequisites: BIB 1013, 1023.

HEB 2024. Elementary Hebrew II - 4 hours (Spring, odd years)
Continuation of HEB 2014 with an introduction to the Hebrew Old Testament through translating representative passages which are relatively uncomplicated. Prerequisite: HEB 2014.

HEB 3013. Intermediate Hebrew – 3 hours (Fall, odd years)
Focus is upon identifying the Masoretic pointing, parsing verbs, translating Old Testament narrative texts, and making syntactical judgments in exegesis. Prerequisite: HEB 2024

HEB 3023. Advanced Hebrew – 3 hours (Spring, even years)
Focus is upon textual criticism, lexical study, translating Old Testament poetic and prophetic texts, and making syntactical judgments in exegesis. Prerequisite: HEB 3013

HEB 495(1-3). Intensive Studies in Hebrew - 1-3 hours
Exegetical studies in selected books or passages of the Hebrew Old Testament. This course may be taken more than once. Prerequisite: HEB 2024.

HISTORY

HIS 1113. Introduction to the History of World Civilization: From the Earliest Times Through the Renaissance - 3 hours (Fall)
The roots of modern civilization from the dawn of agricultural society in the Middle East and other regions through the Renaissance in western Europe.

HIS 1123. Introduction to the History of World Civilization: From the Renaissance to the Present - 3 hours (Spring)
Examines the history of world civilization from the Reformation in Europe to the late twentieth century.

HIS/HON 2013. Honors United States History I - 3 hours (Fall, even years)
This course offers a political and social survey of United States history from colonization to the end of the Civil War. Prerequisite: A minimum composite ACT of 28 or SAT equivalent.

HIS 2213. History of the United States, 1492-1865 - 3 hours (Fall, Spring)
Political and social survey of United States history from colonization to the end of the Civil War.

HIS 2223. History of the United States, 1865-Present - 3 hours (Fall, Spring)
Political and social survey of United States history from the Reconstruction to the present.

HIS 295(1-4). Special Topics - 1-4 hours (On demand)
Topics of special interest not available to the student from the traditional course offerings. May be repeated as topics change.

HIS 3003. The US Civil War - 3 hours (on demand)
This class provides a detailed evaluation of the social, economic, and military aspects of the United States Civil War, with special emphasis on the effect of the War on the State of Missouri.

HIS/MIL 3153. American Military History - 3 hours (Spring, odd years)
American Military History from the colonial period to the present; its relation to the national development in war and peace. (May be taken through MSU.)

HIS 3323. Ancient Rome and the Empire - 3 hours (Spring, odd years)
A survey of Roman history tracing the main lines of political, social and cultural development from earliest times through the periods of the Republic, the early Empire and the High Empire through the reign of Constantine.

HIS 3333. Ancient Military History - 3 hours (On demand)
A survey of the development of weapons, armor, strategy, and tactics from the earliest recorded battles to the fall of the Roman Empire in 476 AD, including Biblical battles.

HIS 3423. Europe in the Middle Ages - 3 hours (Fall, odd years)
Traces the political, economic, social, intellectual and religious changes in western Europe from the late Roman Empire of the 4th century A.D. to the apex of the area's first advanced civilization, c. 1300 A.D.

HIS 3513. Europe during the Renaissance Period - 3 hours (Spring, even years)
Traces the political, economic, social, intellectual, and religious conditions and developments in western Europe during the Renaissance from the fourteenth through sixteenth centuries.

HIS 3523. Europe During the Reformation Period - 3 hours (Fall, even years)
Traces the political, economic, social, intellectual, and religious conditions and developments in western Europe during the Reformation period, with special emphasis on the development of the Reformation from Martin Luther to the end of the Thirty Years War in 1648.

HIS 3613. East Asian History to the Rise of the Mongols - 3 hours (On demand)
A survey of East Asian history tracing the political, economic, social, intellectual and religious conditions and developments in East Asia from earliest times to the Mongol Conquest. Particular emphasis will be placed on East Asian interaction with and influence on the Christian world.

HIS 3783. United States Diplomatic History, 1775-1928 - 3 hours (On demand)
Survey of late 18th and 19th Century diplomatic relations of the United States. Prerequisite: HIS/HON 2013 or HIS 2213 or 2223.

HIS 3813. Colonial and Revolutionary America - 3 hours (Fall, odd years)
This course covers important topics in American history from the voyage of Columbus in 1492 to the ratification of the Constitution in 1788. The course emphasizes the development of England's American colonies, the independence movement and the successful establishment of the United States of America.

HIS 3823. America in the Early National and Civil War Eras - 3 hours (Spring, even years)
This course covers important topics in American history from Washington's inauguration as president in 1789 to the end of Reconstruction in 1877. The course will examine the important political, social, intellectual and economic areas of American development during the early national and Civil War eras.

HIS 3833. Gilded Age and Progressivism, 1877-1928 - 3 hours (Fall, even years)
A topical exploration of the period with emphasis on politics, the rise of big business, intellectual history, social and economic reform, imperialism, and society's efforts to meet the challenges of the industrial age. Course requirements stress reading, writing and class participation.

HIS 3843. Recent United States History, 1929-1991 - 3 hours (Spring, odd years)
A topical exploration of the period with emphasis on the Great Depression and New Deal, America's confrontation with totalitarianism during World War II and the Cold War, the domestic effects of WWII and the Cold War, the Civil Rights Movement, Vietnam, Watergate, the Johnson, Nixon, and Reagan presidencies, and the collapse of the Soviet Union.

HIS 3893. United States Diplomatic History, 1929-Present - 3 hours (On demand)
Survey of 20th century diplomatic relations of the United States. Prerequisite: HIS/HON 2013 or HIS 2213 or 2223.

HIS/POL 4013. African History and Politics – 3 hours (Spring, odd years)
Explores the political and economic changes in African states and the issues of development since independence. Included in the study are the historical origins of the African state, the contemporary context of globalization, and the position of Africa in the world economic system. Prerequisite: POL/HON 1013 or POL 1113.

HIS 4303. The Ancient Near East - 3 hours (Fall, odd years)
A survey of Ancient Near Eastern history tracing the main lines of political, social, and cultural development from the earliest times to the Roman Conquest.

HIS 4313. Ancient Egypt - 3 hours (Spring, even years)
A survey of Egyptian history tracing the main lines of political, social, and cultural development from the earliest times to Egypt's conquest by the Romans in 31 BC.

HIS 4323. Ancient Greece - 3 hours (Fall, even years)
A survey of Greek history tracing the main lines of political, social, and cultural development from the origin of the Mycenaeans to the Roman conquest of the Greek world.

HIS 4413. Roman Imperial Civilization and the Early Church - 3 hours (On demand)
A detailed study of the period from c. 50 B.C. to c. A.D. 450. Emphasis is placed on the political, social, economic, religious and intellectual characteristics of the Hellenistic civilization of that period. Special attention is given to the Jewish sub-culture and the emerging Christian movement in that context.

HIS 4503. History Capstone Seminar - 3 hours (Fall)
This course provides history majors with a capstone experience for their History degree and helps prepare them for the required History ACAT Examination in World and US History. Prerequisites: History major, Junior standing.

HIS 495(1-4). Intensive Studies in History - 1-4 hours (On demand)
Seminar or directed class investigation of selected topics in the context of current historiographical opinion. Content variable. Student may elect to repeat the course. Prerequisite: Nine hours of history.

HIS 499(1-3). Independent Studies - 1-3 hours (On demand)
(History majors; Social Science Education majors)
Advanced studies of specific topics arranged by department chair. Prerequisite: History or Social Science Education major, 15 hours of history and 60 or more hours of credit.

Methods of Teaching Social Science in the Middle and Secondary Schools
(See EDU 4023).

HONORS

HON 1003. Honors Fine Arts - 3 hours (Spring)
This course is intended for students enrolled in the Dutile Honors Program. The course is designed to provide students with a basic understanding of the music and art of various cultures and historical periods. Prerequisite: Enrollment in the Dutile Honors Program. Course fee: $30.

HON/POL 1013. Honors American Government and Politics - 3 hours (Fall, odd years)
This course surveys the origin, organization, and policy of United States government at the national, state, and local levels and encourages citizen participation and leadership in democratic processes beginning at the community level. Fulfills the Missouri statutory requirement. Prerequisite: A minimum composite ACT of 28 or SAT equivalent.

HON 1111. University Seminar - 1 hour (Fall)
This course is designed to acclimate students to campus life and to the mission of SBU. It is also designed to develop time management and study skills and explore personality typing and career choices. Prerequisite: Enrollment in the Dutile Honors Program. Course fee: $3.

HON 1121. Introduction to Critical Thinking - 1 hour (Spring)
This course is designed to promote awareness of a personal value system as well as to promote the use of critical thinking skills in the study of issues in today's society. Prerequisite: Enrollment in the Dutile Honors Program.

HON/ENG 1123. Honors Composition - 3 hours (Fall)
An honors-level course in expository writing based on a study of imaginative literature. The course fosters the development of writing and research skills. Fee $2. Prerequisite: An English score of at least 28 on the ACT examination and enrollment in the Dutile Honors Program.

HON/BIB 1223. Honors New Testament History – 3 hours (Spring)
A study of the life of Jesus and the founding of the church in the New Testament with attention given to historical background, literary features, theological teaching, and contemporary relevance. Prerequisite: Enrollment in the Dutile Honors Program or a minimum composite ACT of 28 or its SAT equivalent.

HON 2003/ECO 2043. Honors Literacy in Free Enterprise (LIFE) Economics - 3 hours (Fall)
Honors LIFE Economics is the study of basic macro- and microeconomic concepts for non-business majors. This course will help the student develop an understanding of economic systems based on freedom. It will emphasize the importance of individual initiative and involvement in day-to-day community and business matters. Developing literacy about individual responsibility in personal and community decision-making is a primary concern. As an honors section, this class will explore the topic of free enterprise and economics through classroom discussion, enrichment activities and field trips. Prerequisite: Enrollment in the Dutile Honors Program or a minimum composite ACT of 26 or SAT equivalent.

HON/HIS 2013. Honors United States History I - 3 hours (Fall, even years)
This course offers a political and social survey of United States history from colonization to the end of the Civil War. Prerequisite: Enrollment in the Dutile Honors Program or a minimum composite ACT of 28 or SAT equivalent.

HON/COM 2213. Honors Fundamentals of Speech Communication - 3 hours (Spring)
Foundations of speech communication with special emphasis on the theory and practice of effective public speaking. Progressive work in speech preparation and delivery and exploration of classical and contemporary rhetorical principles. Prerequisite: Minimum composite ACT of 25 or enrollment in the Dutile Honors Program.

HON 3771. Honors Colloquium - 1 hour (Fall, Spring)
For sophomores and juniors officially enrolled in the Dutile Honors Program. The Honors Colloquium will include student presentations, guest speakers, and panel discussions.

HON 477(1-3). Senior Honors Capstone Experience - 1-3 hours (Fall, Spring)
For seniors officially enrolled in the Dutile Honors Program. This course is offered in the student's field of study and includes the integration of faith and discipline. Each student will be required to write a proposal for an individualized capstone experience and obtain the approval of the Honors Program Director, as well as the supervising faculty member. Experiences may include, but are not limited to, grant writing, research leading to publication, or a project integrating the various components of the Dutile Honors Program.

INTERCULTURAL STUDIES

ICS 2013. Cultural and Global Awareness - 3 hours (Fall)
An introduction to cultural diversity, cultural anthropology, cross-cultural field experiences, cross-cultural ministry, various nations of the world, and current global issues. Prerequisites: BIB 1013, 1023, SPF 2012.

ICS 2118. Barefoot Language Learning - 8 hours (Semester Abroad)
An intensive immersion in language acquisition which utilizes classroom instruction in a foreign country as well as cross-cultural social relationships including living with a national family.

ICS 290(1-3). Same-Culture Service Project - 1-3 hours
Participation in a field service project to an English-speaking group similar to one's own identity. Approval necessary by the department chair. P/F credit. Course fee $245 per credit hour.

ICS 291(1-3). Cross-Cultural Service Project - 1-3 hours
Participation in a cross-cultural field project to either a non-English speaking group or a group of significantly different ethnic identity. Approval necessary by the department chair. Course fee $245 per credit hour.

ICS 3033. World Christian Foundations - 3 hours (Spring)
A vigorous study of the biblical, historical, cultural, and strategic perspectives concerning the expansion of the world Christian movement. Prerequisites: BIB 1013, 1023, SPF 2012.

ICS 3043. Spiritual Preparation for Cross-Cultural Service - 3 hours (Fall)
A study and practicum in discipleship and spiritual life to prepare the student for the difficulty and isolation of cross-cultural Christian service. Prerequisite: ICS 2013 or 3033.

ICS 3053. Survival Abroad - 3 hours (Spring)
Practical preparation for the student's Semester Abroad. Studies include country and job assignments, culture adjustment, stress management, interpersonal relations, fund raising, management of finances, family needs, awareness of host country, and personal health and nutrition. Prerequisites: ICS 2013, 3033, 3043, 3073.

ICS 3073. Storying and Discipling Cross-Culturally - 3 hours (Spring, odd years)
A study and practicum in cross-cultural evangelism utilizing biblical narratives and discipling in such a way as to develop indigenous church planting. Prerequisite: ICS 2013 or 3033.

ICS 4001. ICS Senior Seminar - 1 hour
An elective course for ICS majors following their six month Semester Abroad to further discuss what is beyond graduation. Prerequisite: completion of ICS Semester Abroad and the various courses necessary for that internship.

ICS 4023. Indigenous Christian Community - 3 hours (Spring, even years)
A study of principles concerning an indigenous, culturally contextualized, biblical Christian community in terms of its worship, discipling, leadership call and roles, pastoral care, social structures, world-view formation, and cell multiplication. Prerequisite: ICS 2013 or 3033.

ICS 4082. Ethnography and Strategy - 2 hours (Semester Abroad)
Cultural research and FOQUS to examine a cultural group and develop a strategy concerning how to evangelize that group. Instruction through field guidance and via email. Prerequisite: ICS 3073.

ICS 4121. International Market Skills - 1 hour (Spring)
A seminar concerning how to utilize ethically, practically, and strategically a market skill and a secular position as a platform for Christian service cross-culturally. Prerequisites: ICS 2013, 3033, and 3073 or 4023.

ICS 4313. World Religions – 3 hours (Spring)
This course introduces students to the thought and practice of world religions including: Hinduism, Buddhism, Confucianism, Taoism, Islam and animism. Consideration also is given to the issues of religious pluralism, theology of religions, and the appropriate response to each.

ICS 4343. Islamic Studies – 3 hours
An overview of Islam from its early inception to the present time, with a broad treatment of the diversity of beliefs and practices within the Muslim world community in order to help the Christian worker recognize both difficulties and possibilities for Muslim evangelism.

ICS 4953. Intensive Topics - 3 hours (Fall, Spring)
Selected topics of special interest in the area of cross-cultural ministry. Areas of study will vary from year to year. Prerequisite: ICS 2013 or 3033.

ICS 498(1-3). Apprenticeship Practicum - 1-3 hours (Semester Abroad)
On-the-job cross-cultural training under the supervision of a cross-cultural resident. Approval of department chair.

INTERDISCIPLINARY STUDIES

IDS 1112. Reading Skills - 2 hours (Fall, Spring)
Skills in skimming, underlining, outlining, increasing vocabulary, improving comprehension and speed are discussed and practiced in relationship to current university courses. One lecture, two laboratories each week. Lab fee $10. Taught off-campus only.

KINESIOLOGY

KIN 1001. Bowling - 1 hour (On demand)
Study and practice in the fundamental skills of bowling. Course fee $45.

KIN 1012. General Activities I - Team Sports- 2 hours (On demand)
Instruction in skills, knowledge of rules and strategy, care of equipment and history of team sports. Activities will include team sports such as soccer, flag football, volleyball, and softball. Students are expected to participate daily so they get the benefit of physical activity. Course fee $25. (Required of physical education majors.)

KIN 1022. General Activities II - Individual and Dual Sports - 2 hours (On demand)
This is an instructional course in skills, knowledge of rules and strategy, care of equipment, and history of individual sports. Activities include badminton, archery, step aerobics, weight training, pickle ball, and billiards. Students are expected to participate daily to get the benefit of physical activity. Course fee $25. (Required of physical education majors.)

KIN 1023. Individual and Team Activities - 3 hours (Spring)
This course is an instructional course in skills, knowledge of rules and strategy and care of equipment. Activities will include soccer, flag football, volleyball, ultimate Frisbee, floor hockey, lacrosse, badminton, pickle ball, croquet, bocce ball, and Frisbee golf. Course fee $35.

KIN 1031. Tennis - 1 hour (On demand)
Basic skills, rules and courtesies of tennis are presented.

KIN 1033. Foundations of Physical Education - 3 hours (Spring)
A course designed to help students develop perspectives in the field of physical education. Students will examine the different settings; kinds of programs; qualifications needed to enter the profession; career opportunities; and issues facing physical educators.

KIN 1041. Golf - 1 hour (On demand)
Basic skills, rules and individual performance in golf. Course fee $40.

KIN 1043. Personal and Community Health - 3 hours (Online only)
Study of major health problems and factors determining health. Special considerations given to principles and practices of good health for individual and community concerns.

KIN 1051. Beginning Racquetball - 1 hour (On demand)
Beginning racquetball is a course designed to introduce the student to the sport of racquetball. The student will learn the rules of the game, equipment necessary for safe and competitive play, skills necessary for competent court play, and options for practice sessions and matches. Course fee $20.

KIN 1071. Beginning Swimming - 1 hour (On demand)
Instruction in skills and techniques for beginning swimming. The American Red Cross Beginners Test must be passed for course credit to be received. Course fee $10. (Required of physical education majors.)

KIN 1081. Life-Guard Training - 1 hour (Spring, On demand)
Skills and techniques of life saving as identified in the American Red Cross Water Safety Program will be emphasized. Course fee $30.

KIN 1131. Aerobic Exercise - 1 hour (Spring, On demand)
Step and floor aerobics will be utilized to develop skills and expertise in designing a cardiorespiratory program for lifetime wellness. Course fee $5.

KIN 1142. Outdoor Adventure Skills - 2 Hours (On demand)
Instruction and experience in outdoor skills of archery, hunting, fishing, camping, orienteering and outdoor living. Safety and environmental concerns will be incorporated. Course fee $70.

KIN 1162. Foundations of Physical Fitness/Wellness - 2 hours (Fall, Spring, Winterfest, Summer)
Study and participation in programs recommended for development of adult physical fitness. Emphasis is on determining level of fitness, importance of fitness in total well being, nutrition and diet selection, monitoring effect of fitness activities, selection of fitness/wellness programs, stress management, and program implementation. Course fee $10.

KIN 1163. Foundations of Physical Fitness for Professionals – 3 hours (Fall, Spring)
Study and participation in programs recommended for the development of adult physical fitness. Emphasis on determining the level of fitness, importance of fitness in one's total continuing well-being, nutrition and diet selection, monitoring the effect of fitness activities, selection of fitness/wellness programs, stress management, and program implementation. Special consideration will be given to how professionals in Physical Education, Exercise Science, and Sport Management may apply this information to their field. Course fee $10.

KIN 1171. Advanced Swimming - 1 hour (Fall, On demand)
The American Red Cross Advanced Test must be passed for course credit to be received. Instruction on advanced skills and techniques for swimming will be utilized. Course fee $5.

KIN 1181. Aqua Exercise - 1 hour (Fall, Spring, On demand)
Instruction in skills and techniques of exercise in the water. Course fee $5.

KIN 1201. Rock Climbing - 1 hour (On demand)
Students will be taught the theoretical and technical basics of rock climbing. The focus of the course will be to teach the student technique and safety. Knowledge and practice will provide the student a personal lifetime sport. Course fee $10.

KIN 1211. Walleyball - 1 hour (On demand)
This is an introductory course to Walleyball. Rules of the game, equipment necessary for safe and competitive play, skills for competent court play, and options for practice sessions and matches make up the course.

KIN 2011. Scuba Diving - 1 hour (Fall, On demand)
Theory and techniques of scuba diving. Ten lessons in pool and four open water classes. All equipment provided. Course fee $195.

KIN 2012. Officiating Sports - 2 hours (Fall)
A study of the rules, methods and techniques of officiating sports. Emphasis will be on major sports. Course fee $65.

KIN 2023. Perceptual Motor Development - 3 hours (Fall, Spring)
Methods of teaching children through movement experiences. An emphasis will be placed on perceptual motor development as it relates to movement.

KIN 2032. Coaching of Volleyball - 2 hours (Fall, On demand)
Study of offensive and defensive skills and strategy of volleyball. Coaching methods, strategy and organization of practice and matches are emphasized.

KIN 2042. Psychology of Coaching - 2 hours (Fall, On demand)
An examination of the psychological principles that apply in coaching, athletics and physical activity.

KIN 2052. Coaching of Softball and Baseball - 2 hours (Spring, On Demand)
The methods and materials used in coaching softball and baseball will be examined. A study of practice organization, skill analysis, teaching methods for each position, purchase and care of equipment. Conditioning will be included.

KIN 2063. School Health Education - 3 hours (On demand)
Curriculum for and methods of teaching health education in elementary and secondary schools.

KIN/REC 2092. Athletic Facilities - 2 hours (Fall)
A course which examines the planning and design of recreation and athletic facilities. Also includes practical considerations for operating a facility.

KIN 2133. Principles of Human Anatomy - 3 hours (Winterfest)
Study of the structure of the human body including study at the cellular, tissue, and organ level. Emphasis will be on the organ systems operational in effecting human movement. Prerequisite: BIO 1004.

KIN 2143. Lifetime Activities - 3 hours (Fall)
The focus of this course is to equip the student with knowledge, safety, and experience of those physical activities an individual can participate in for a lifetime. Activities will include golf, tennis, bowling, rock-climbing, hiking, backpacking, fly fishing, bait casting, archery, basic orienteering, and hunter’s safety. Course fee $70.

KIN/BIO 2243. Nutrition - 3 hours (Fall, Spring)
Nutritional requirements of mankind with emphasis on the roles of nutrients in the body throughout the life cycle. Note: This course may not be included in the curriculum for a biology major.

KIN 3012. Coaching of Football - 2 hours (Fall, On Demand)
Study of offensive and defensive systems; methods of coaching football.

KIN 3013. Teaching of Individual and Dual Sports - 3 hours (Spring, On demand)
Class organization, teaching and coaching methods for selected individual and dual sports. Prerequisites: KIN 1012 and KIN 1022.

KIN 3022. Coaching of Basketball - 2 hours (Fall, odd years)
Study of components of basketball. Emphasis on individual and team skills, conditioning and strategy of play.

KIN 3032 Advanced Scuba Diving B 2 hours (Fall, On demand)
This course, upon completion, will certify the student as an Advanced Specialty Diver. It is the second course in sequence to Basic Scuba Diving. Course Fee:$195.00. Prerequisite: KIN 2011.

KIN 3043. Analysis of Basic Rhythms - 3 hours (Fall)
Study of basic rhythms patterns including application of music used in basic movements. Application of teaching methods used in Tinkling, square dance, line dance, ballroom dance, and many more basic rhythms used in the physical education curriculum. Tempo, beat, and flow techniques are implemented into each topic. Course fee $25.

KIN 3053. Measurement and Evaluation in Sport - 3 hours (Spring)
A course to acquaint students with various evaluation methods in physical education. Practice is given to administering tests and interpreting results with appropriate statistical procedures.

KIN 3062. Coaching of Track and Field - 2 hours (Spring, On Demand)
Study of accepted forms of track and field events; factors affecting endurance, speed and fatigue; preparation and selection of contestants for competition; and management techniques.

KIN 3073. Physiology of Exercise - 3 hours (Fall, Spring)
Study of the effects of exercise on the organs and systems of the body; special emphasis on the cardio-respiratory system. Prerequisite: KIN 2133 or BIO 2204. Course fee $12.

KIN 3083. Care and Prevention of Athletic Injury - 3 hours (Fall, Spring)
The course is designed for students to understand the basic care and prevention of athletic injuries, including the identification of common physical disorders, sports trauma, typical injury management, taping, bracing, and medical documentation. Prerequisite: KIN 2133. Course fee $50.

KIN 3093. Responding to Emergencies - 3 hours (Fall, Spring)
Study of treatment for common emergencies including treatment of wounds, shock, poisoning, fractures, unconsciousness and stoppage of breathing. American Red Cross certificate may be earned. Course fee $80.

KIN 3133. Teaching Elementary Physical Education - 3 hours (Spring)
Teaching methods; selection of activities; program planning; emphasis on development of a progressive curriculum. Course fee $20. In order to enroll in EDU 3133 a GPA of 3.00 is required.

KIN 4002. Sport Programming - 2 hours (Fall)
This course will provide a comprehensive overview of the elements involved in the planning, organization, implementation, and evaluation of leisure programming as a benefits based service. Emphasis will be given to structuring programs for recreation, sports, games and intramural programming.

KIN 4003. Kinesiology - 3 hours (Fall, Spring)
Study of skeletal and muscle systems as they relate to physical education and athletic movements. Practice is given in identification of proper form and procedures for correcting errors in sports movements. Prerequisite: KIN 2133.

KIN 4013. Sport in American Society - 3 hours (Spring)
Presents an introduction to basic issues and current research in the psychological and sociological aspects of American sport, physical activity, and leisure. Specific emphasis is placed on the influence of sport as a social system and the influence of the psychology on the athlete or in sports. Prerequisite: 64 hours completed.

KIN 4023. Organization and Administration of Sport - 3 hours (Fall)
A course emphasizing the functions of management as they relate to the sport environment. Special consideration is given to the areas within the planning, organizing, leading, and controlling functions of the sport manager's position. Prerequisite: 64 credit hours.

KIN 4043. Adapted Physical Education - 3 hours (Fall)
Surveys areas of exceptionalities that occur within a physical education class as well as in a classroom setting. It is designed to help the prospective physical education teacher identify and understand the unique problems of the disabled individual giving specific consideration to mental retardation, pervasive development disorders, learning

disabilities mental health disorders, physical disabilities, communication and visual disorders, health impairments, aging, juvenile and adult corrections.

KIN 4533. Secondary Methods of Teaching Physical Education - 3 hours (Fall)
Teaching methods; selection of activities; program planning; emphasis on development of a progressive curriculum (restricted to physical education majors.) In order to enroll in KIN 4533 a GPA of 3.00 is required.

KIN 4762. Problem Solving - 2 hours (Spring)
A seminar on problem solving in the recreation profession. Aimed at facilitating transition between the academic and professional experience. (Restricted to recreation majors or minors with 64 hours completed.)

KIN 4773. Principles of Strength Conditioning - 3 hours (Fall)
This is an in depth course which covers specific resistance training and conditioning as it pertains to athletes and adults. It is a cumulative course that allows students to apply human physiology and biomechanics as they relate to human performance. This course is to prepare the student for the Personal Strength and Conditioning certification test. Prerequisite: 96 hours completed.

KIN 495(1-4). Intensive Studies in Physical Education - 1-4 hours (On demand)
An intensified approach to selected physical education topics or subject matter not regularly offered by the department. Areas of study will vary. Prerequisite: 96 hours completed.

KIN 497(1-3). Physical Education Symposium - 1-3 hours (On demand)
Credit given by special short-term, but intensified, study in the field of physical education including labs, workshops, clinics or conferences sponsored by national, regional or state associations or agencies. Prerequisite: 96 hours completed.

KIN 499(1-3). Independent Studies - 1-3 hours (Fall, Spring)
Exploratory projects of undergraduate research and directed individual study in health and physical education areas not included in the regular curriculum. See further guidelines in this catalog under "Independent Study." Prerequisite: 96 hours completed.

Varsity Sports

KIN credit will be granted for participation in varsity sports. Course numbers for varsity sports are as follows:

Men's Varsity Basketball	1091-1	3091-1	(Fall, Spring)
Women's Varsity Basketball	1091-2	3091-2	(Fall, Spring)
Men’s Varsity Soccer	1111-1	3111-1	(Fall)
Women’s Varsity Soccer	1111-2	3111-2	(Fall)
Men's Varsity Baseball	1191-1	3191-1	(Spring)
Men's Varsity Tennis	1291-1	3291-1	(Spring)
Women's Varsity Tennis	1291-2	3291-2	(Spring)
Men's Varsity Cross Country	1391-1	3391-1	(Fall)
Women's Varsity Cross Country	1391-2	3391-2	(Fall)
Men's Varsity Football	1491-1	3491-1	(Fall)
Men’s Varsity Track	1591-1	3591-1	(Spring)
Women’s Varsity Track	1591-2	3591-2	(Spring)
Men's Varsity Golf	1691-1	3691-1	(Spring)
Women’s Varsity Golf	1691-2	2691-2	(Spring)
Women's Varsity Softball	1791-2	3791-2	(Spring)
Women's Varsity Volleyball	1891-2	3891-2	(Fall)
Cheerleading	1991-1	3991-1	(Fall, Spring)

LEADERSHIP

LDR 2023. Introduction to Leadership - 3 hours (On demand)
The study of leadership concepts and practices, including an emphasis on the nature and application of servant leadership in a global society. The theoretical basis of leadership is examined. This course should help one discover, understand and develop his/her preferred “style” of leadership.

LDR 3023. Leadership Development in Organizations - 3 hours (On demand)
An examination of leadership issues within institutions, including non-profits, companies, private and public organizations, with an emphasis on the ability of leaders to design and implement training and development programs within organizations.

LDR 4043. Ethics and Professional Development - 3 hours (Fall, Spring)
A senior-level course that equips the graduating student with the life skills and information necessary for making the transition from college to the professional world. Emphases will be placed on career development, etiquette, and personal financial planning. Particular attention will be given to the role of personal and professional ethics from a Christian worldview. Course fee $50. Prerequisite: 64 credit hours completed.

LDR 4063. Leadership Development - 3 hours (Spring)
A review of leadership theory with an emphasis given to the moral and ethical aspects related thereto. The identification and development of leadership characteristics will be stressed with the intent to inspire moral gains on a personal and organizational level. Various tools will be utilized throughout the course to facilitate the identification or development of a student's leadership traits. Prerequisite: Graduate credit requires prior enrollment in the MBA program. Fee $150.

LDR 4773. Contemporary Issues in Leadership - 3 hours (On demand)
A study of the cultural, ethical and philosophical issues involved in leadership. This course is the capstone requirement for leadership studies and addresses these issues in the context of a required community project. Students will design and implement a leadership project. Presentations of the project will be made at the conclusion of the course.

LDR 495(1-3). Intensive Studies in Leadership - 3 hours (On demand)
A study of the cultural, ethical and philosophical issues involved in leadership. This course is the capstone requirement for leadership studies and addresses these issues in the context of a required community project. Students will design and implement a leadership project. Presentations of the project will be made at the conclusion of the course.

MANAGEMENT

MGT 295(1-4). Special Topics in Management - 1-4 hours (On demand)
Topics will vary with each offering; therefore, the course may be repeated for credit.

MGT 3013. Principles of Management - 3 hours (Fall)
The study of the process of management, which is the coordination of all the resources of organizations in order to achieve organizational objectives. The management process will be described, analyzed and applied to all types of organizations, indicating the universality of management. Prerequisite: 24 credit hours completed.

MGT 3033. Operations Management - 3 hours (Fall, Spring)
An introduction to operations management, which is the design, operation and improvement of the processes that transform inputs into finished goods and services so as to meet the goals of both manufacturing and service organizations. Students learn how to apply the basic analytical models to operations decisions involving planning, scheduling and controlling product and service facilities, product and service design, processes, cost, quality, quantity assurance, production, capacity, inventory management, just-in-time production, supply chain management, project management and distribution requirements. Prerequisite: BUS 2023.

MGT 4033. Human Resource Management - 3 hours (Spring)
Focuses on the policies, methods and techniques that professional personnel and human resource managers create and implement to achieve successful human resource programs. Prerequisites: BUS 2013 and MGT 3013.

MGT 4043. Organizational Behavior and Theory - 3 hours (Spring)
Theory of organizations, individual and group behavior, organizational processes and change. This course is a requirement for many graduate programs in business. Prerequisite: MGT 3013.

MGT 4063. Entrepreneurship and Small Business - 3 hours (Fall)
Integrates knowledge of the functional areas of entrepreneurial business development, central themes being the impact of the owner or founding team of the company, and the development of systems that will lead to sustainable growth. Emphasis is placed on planning, starting, growing, managing, and expanding a business, with a particular focus on writing a business plan. Prerequisites: MGT 3013.

MGT 4083. Strategic Management - 3 hours (Fall, Spring)
Examine the cooperation that must exist across various functional areas of the business to effectively scan the environment and formulate, implement, evaluate and control corporate objectives, strategies, and policies in order to positively influence the long-term performance of the organization. A business simulation program will be extensively utilized to reinforce the objectives of the course. This course is the capstone requirement for majors in computer

information science and all majors from the Departments of Accounting and Business Administration. Prerequisites: ACC 2043, ECO 2023, ECO 2033, MGT 3013, MKT 3023, FIN 3053, and 110 credit hours completed. Note: To be taken at SBU only during last semester.

MGT/MKT 4153. Retailing - 3 hours (Fall)
Explores the essential elements of the retail management process. Topics to be covered include strategic planning, the evaluation of retail customers and competitors, target market and location selection, the retailing marketing mix, store design, and managing human resources. Prerequisites: MKT 3023, MGT 3013, and ECO 2023.

MGT 495(1-4). Intensive Studies in Management - 1-4 hours (On demand)
Topics will vary with each offering; therefore, the course may be repeated for credit.

MGT 499(1-3). Independent Study in Management - 1-3 hours (On demand)
Independent study of some problem or area in the major not covered in the organized courses. The study is under the direction of a faculty member in whose field of specialization the problem or area lies. Prerequisites: 3.00 GPA in major field and 60 credit hours completed.

MARKETING

MKT 295(1-4). Special Topics in Marketing - 1-4 hours (On demand)
Topics will vary with each offering; therefore, the course may be repeated for credit.

MKT 3023. Principles of Marketing - 3 hours (Spring)
The study of the system of activities that constitute marketing with emphasis on the principles, policies and strategies utilized to identify and satisfy the needs and wants of consumers. The universal application of marketing management in all forms or organizations is stressed. Prerequisite: 24 credit hours completed.

MKT 3033. Consumer Behavior - 3 hours (Fall)
Introduces the key terms, definitions, and concepts used to describe consumer behavior. Students will learn how we shape our product choices and purchase decisions by investigating the ways we think; the ways we process, store, and retrieve information when needed; and how relationships with others affect these decisions. Prerequisite: MKT 3023.

MKT 3073. Professional Selling - 3 hours (Winterfest)
Investigation, study and practice in the science and art of salesmanship, with emphasis on the consultative or professional approach to ascertaining the needs and wants of others, and assisting them to obtain satisfaction. Prerequisite: MKT 3023 and COM 1103 or COM 2393.

MKT 3083. Advertising - 3 hours (Fall)
This course is designed as a creative, innovative introduction to advertising. Types of advertising media, copy and style will be evaluated, and emphasis will be placed on creativeness in advertising. This course includes a semester-long advertising campaign project. Prerequisites: MKT 3023 and ART 2703.

MKT 4013. Marketing Research - 3 hours (Spring)
Provides the student with a basic understanding of the research process as it applies to marketing and business problems. Subjects covered include the scientific method, problem definition, research design, data collection, data analysis, and interpretation. A comprehensive research project and selected case analysis provide opportunity for relating the theoretical concepts and techniques to real world problems. Prerequisites: MKT 3023 and BUS 2023.

MKT 4023. Marketing Management - 3 hours (Fall)
Advanced study of the role and responsibilities of marketing executives. Emphasis will include the analysis, planning, organization, implementation and control of marketing programs. Prerequisites: MKT 3023 and MGT 3013.

MKT/MGT 4153. Retailing - 3 hours (Fall)
Explores the essential elements of the retail management process. Topics to be covered include strategic planning, the evaluation of retail customers and competitors, target market and location selection, the retailing marketing mix, store design, and managing human resources. Prerequisites: MKT 3023, MGT 3013, and ECO 2023.

MKT 4253. Digital and Social Media Marketing - 3 hours (Winterfest Online)
This course covers a variety of topics including online advertising, email marketing, mobile advertising, search engine optimization, social media marketing, online listening and monitoring, and web and social media analytics. Through course assignments and a final project/presentation, students develop capabilities in designing, implementing, and evaluating digital marketing strategies. Students also have the opportunity to gain hands-on learning experience by participating in digital marketing online learning modules. Prerequisite: MKT 3023.

MKT 495(1-4). Intensive Studies in Marketing - 1-4 hours (On demand)
Topics will vary with credit offering; therefore, the course may be repeated for credit.

MKT 499(1-3). Independent Study in Marketing - 1-3 hours (On demand)
Independent study of some problem or area in the major not covered in the organized courses. The study is under the direction of a faculty member in whose field of specialization the problem or area lies. Prerequisites: 3.00 GPA in major field and 60 credit hours completed.

MATHEMATICS

MAT 0103. PreAlgebra - 3 hours (Fall, Spring)
This course gives a review of and practice in basic mathematical skills. Applications studied include the use of whole numbers, common and decimal fractions, and percents. The subjects of perimeter, area, and volume are investigated; and concepts of measurement are developed using consumer problems. This course is recommended for students with less than one unit of high school algebra or who have a score of less than 17 on the ACT. There will be three hours of lecture and one hour of laboratory work each week. This course does not count toward the 128 hours required for graduation. Lab fee $18.

MAT 0123. Intermediate Algebra - 3 hours (Fall, Spring)
This course is equivalent to one and one-half units of contemporary high school algebra. It has an emphasis on application. It is recommended for students with one to one and one-half units of high school algebra. There will be three hours of lecture and one hour of laboratory work each week. Prerequisite: Score of 17-19 on the ACT or a minimum grade of C in MAT 0103. This course does not count toward the 128 hours required for graduation. Lab fee $18.

MAT 1143. College Algebra - 3 hours (Fall, Spring)
This course explores the use of algebra in the real world. This exploration takes place by examining the concept of function. Conceptual understanding of linear, exponential, logarithmic, quadratic, and other polynomial functions is grounded in the collection and statistical analysis of real world data. Functions will be used to solve real world problems using modeling techniques. The concept of function is also explored in detail using analytic geometry. Prerequisite: Score of 20-25 on the ACT or a minimum grade of C in MAT 0123 Intermediate Algebra.

MAT 1163. PreCalculus - 3 hours (Summer-online and On Demand)
This course is a rapid and in depth review of algebra, trigonometry functions in the context that it will be used in Calculus. It is intended for the student needing additional algebra and/or trigonometry skills to enable success in MAT 1195 (Calculus) or MAT/BUS 1193 (Business Calculus). Prerequisite: Score of 24 or higher on ACT Examination, or a minimum grade of C in MAT 1143 or its equivalent.

MAT 1173. Discrete Mathematics - 3 hours (Spring)
This course is a study of mathematical concepts that are not dependent upon the continuum. Topics will include sets, logic, combinatorics, probability, functions, relations, matrix algebra, Boolean algebra and graph theory. The concept of proof and the nature of proof will also be explored. Prerequisite: MAT 1143 or its equivalent with a minimum grade of C.

MAT/BUS 1193. Business Calculus - 3 hours (Fall, Spring)
This course studies derivatives and antiderivatives of functions, inclusive of exponential and logarithmic functions, with applications to business and economics. This course is not open to mathematics majors. Prerequisite: MAT 1143 or its equivalent with a minimum grade of C, MAT 1163 or its equivalent with a minimum grade of C, or score of 24 or higher on the ACT. **Note:** MAT 1193 is a terminal math course. Students desiring further study of calculus must take MAT 1195. Also, a student who takes BUS/MAT 1193 and MAT 1195 will receive credit for only MAT 1195.

MAT 1195. Calculus I - 5 hours (Fall, Spring)
This course studies graphs, functions, plane analytical geometry, limits, continuity, derivatives, velocity-acceleration, rates of change, maxima and minima, differentials, the Mean Value Theorems for integrals and derivatives, antiderivatives, definite integrals, area, and methods of finding volumes. Prerequisite: MAT 1163 or its equivalent with a minimum grade of C; MAT 1143 or its equivalent with a minimum grade of C; or score of 26 or higher on the ACT. **Note:** A student who takes BUS/MAT 1193 and MAT 1195 will receive credit for only MAT 1195.

MAT 2255. Calculus II - 5 hours (Fall, Spring)
This course examines derivatives and integrals of functions and their inverses including exponential and logarithmic functions. It also investigates techniques of integration, further applications of integrals, sequences, series, polar coordinates, applications of parametric equations, and conic sections. Prerequisite: MAT 1195 or its equivalent with a minimum grade of C.

MAT 2263. Calculus III - 3 hours (Fall, Spring)
This course examines curves and surfaces in three dimensions, derivatives and integrals of functions of more than one variable, and vector calculus. Prerequisite: MAT 2255 or its equivalent with a minimum grade of C.

MAT 2393. Geometry, Data, and Probability for Elementary/Middle School Teachers - 3 hours (Spring)
This course develops the concepts of probability and statistics. Analytic, synthetic, and transformation geometry are investigated. Open only to students preparing to teach in the elementary or middle school.

MAT 295(1-4). Special Topics in Mathematics - 1-4 hours
Selected mathematics topics of special interest.

MAT 3313. Abstract Algebra - 3 hours (Spring, even years)
An introduction to abstract algebraic systems and use of properties of groups, rings, integral domains and fields to describe and develop certain characteristics of natural numbers, integers, rational, real and complex numbers. Prerequisite: MAT 1195 and MAT 3332.

MAT 3323. Linear Algebra - 3 hours (Spring, odd years)
A study of systems of linear equations, matrices, determinants, vector products, vector spaces, linear transformations and quadratic forms. Prerequisite: MAT 1193 or 1195.

MAT 3332. Symbolic Logic and Set Theory - 2 hours (Fall odd years, Winterfest, odd years)
This course is an introduction to symbolic statements, truth tables, quantifiers, inference and implication, special sets of numbers, set operations, correspondences, cardinal numbers, Boolean algebra, and the logical structure of mathematical arguments. Prerequisite: Must have met mathematics general education requirement.

MAT 3343. Mathematical Statistics - 3 hours (Fall, odd years)
This course is a Calculus-based investigation of the concepts of probability and statistics including sample spaces, methods of enumeration, discrete and continuous functions or random variables and their distributions, conditional probability, Chebyshev inequalities, central limit theorem, regression and correlation, and sampling and hypothesis testing. Prerequisite: MAT 1195 or BUS/MAT 1193.

MAT 3353. Integrated Mathematics - 3 hours (Spring, even years, Winterfest, odd years)
This course will enable students seeking certification in middle or secondary school teaching to analyze mathematics curriculum from an integrated approach. The course will strengthen the students' level of mathematical knowledge, while broadening their structure of this knowledge in a way that is necessary for teachers. The course is recommended for students seeking certification in middle school or secondary school mathematics teaching. All students taking this course will be teaching a component of the course and will be evaluated on their teaching. Prerequisite: Must have met mathematics general education requirement.

MAT 3363. Differential Equations - 3 hours (Spring)
This course studies explicit and power series solutions of certain types of linear differential equations, boundary value problems, solving differential equations using applications of Laplace Transforms, and various real-world applications of differential equations. Prerequisite: MAT 2263 or concurrent enrollment in MAT 2263.

MAT 3372. Math Technologies - 2 hours (Fall, even years, Winterfest, even years)
What is math technology? How has it and how should it affect how and what we teach in Mathematics? How will it affect your future - be it mathematics, physical science, social science, or business using mathematics? We will consider and write about these and other questions via hands on experience with various math technologies. This course will have a lab component. Topics developed will be tailored to individual students' backgrounds and interests. Prerequisites: MAT 1193 or 1195.

MAT 3382. History of Mathematics - 3 hours (Fall, odd years)
A survey of the significant developments in mathematics and contributions of great mathematicians from the Greeks (Thales) to present day. The course focuses mainly on mathematics developed since the invention of analytic geometry and the calculus. Prerequisite: MAT 1195.

MAT 3391. Preparing For Secondary Mathematics Teacher Certification Exam - 1 hour (Spring)
This seminar course is designed to help students seeking certification in secondary school mathematics prepare for the current secondary mathematics teacher certification exam. The course will be focused on the content of this exam and test taking strategies.

MAT 4343. Mathematical Statistics II - 3 hours (Fall, even years)
This course is a continuation of the concepts introduced in Mathematical Statistics (MAT 3343). In particular the concept of modeling with regression analysis will be explored further. The course includes an introduction to both simple linear and multiple regression models with a brief exploration of quadratic models. Modeling with both quantitative and qualitative variables will be studied. There will be a brief introduction to stepwise regression and variable screening methods.

MAT/CIS 4433. Numerical Methods - 3 hours (Fall, even years)
A study of mathematical concepts in a computing context. Topics include numerical integration, systems of equations, root-finding, curve-fitting, and differential equations. Emphasis will be placed on computer-based solutions with implications for programming, algorithm complexity, data representation and approximation, and error measurement. Lab fee $12. Prerequisite: CIS 1033 and MAT 2263.

MAT 4483. Contemporary Geometry - 3 hours (Spring, odd years)
An axiomatic development of geometry that includes both the classical material of Euclidean geometry and the structure of the alternate axiomatic system of hyperbolic geometry. Prerequisites: MAT 1195 and MAT 3332.

MAT 4663. Advanced Calculus - 3 hours (Fall)
Advanced Calculus is a study of the basic concepts in analysis. These include concepts such as continuity, convergence of sequences and series of numbers, convergence of sequence and series of functions, differentiation, and integration. A more complete understanding of these concepts than is achieved in the Calculus sequence is necessary for all mathematics majors and thus this course is a core course of the math major and a type of capstone course. Prerequisites: MAT 2263 and MAT 3332.

MAT 495(1-4). Special Topics in Mathematics - 1-4 hours (On demand)
Selected topics of special interest in mathematics. May be repeated.

MAT 499(1-3). Independent Studies - 1-3 hours (On demand)
Selected mathematics topics of special interest. Students initiate a proposal of study as detailed elsewhere in the catalog.

Methods of Teaching Mathematics in the Middle and Secondary Schools. (See EDU 4513).

Mathematics Through the Eyes of Faith. (See SCF 3422).

MEDICAL TECHNOLOGY

(Courses offered at Cox School of Medical Technology)

MTC 401. Clinical Biochemistry B 10 hours (On demand)
Theory and laboratory study of analytical biochemistry, incorporating both routine and special chemical procedures.

MTC 402. Clinical Microscopy B 2 hours (On demand)
Principles and techniques of the physical, chemical and microscopic examination of urine and other body fluids as related to the disease process.

MTC 403. Clinical Hematology & Coagulation B 7 hours (On demand)
Study of blood cell derivation, maturation and function. Principles of hemostatis and coagulation. Methodology used in routine and special studies and the interpretation and correlation with disease states.

MTC 404. Diagnostic Immunology B 4 hours (On demand)
The science of immunity including antibody development, principles of the antigen-antibody interactions, and techniques of serological testing for various disease states.

MTC 405. Clinical Microbiology - 7 hours (On demand)
The theory and laboratory study of pathogenic bacteria, viruses, rickettsiae, fungi, and parasites. Includes morphology, physiology, taxonomy, and medical significance.

MTC 406. Immunohematology B 4 hours (On demand)
A study of the blood group systems and the immune response. Methods of cross-matching, antibody screening, and phenotyping. Administrative safeguards and legal aspects of blood banking.

MTC 407. Special Topics in Medical Technology B 1 hour (On demand)
Instruction will include lecture and/or clinical practice in the areas of in-service education, management and supervision, research and development, and the principles and techniques of the instructional process

MILITARY SCIENCE

MIL 101(1-2). Introduction to Military Science - 1-2 hours
History, organization and mission of the U.S. Army and the Reserve Officer Training Corps (ROTC), rappelling techniques, basic rifle familiarization, map reading and understanding the role of the U.S. Army in today's world.

MIL 102(1-2). Introduction to Basic Military Skills - 1-2 hours
Rifle marksmanship, advanced rappelling techniques, military radio and telephone communications, military leadership and basic military skills.

MIL 1161. Leadership Fitness - 1 hour
Development of individual fitness and acquisition of the skills necessary to lead group fitness training. (May be repeated)

MIL 211(1-2). Basic Military Skills and Techniques - 1-2 hours
Introduction to techniques of survival in various situations and climates, rappelling and pistol marksmanship.

MIL 212(1-2). Military Fundamentals Practicum - 1-2 hours
The class is designed for the military science students who desire accelerated instruction on rifle marksmanship, rappelling, communications, map reading (to include the compass) and patrolling. The student will be required to wear a military uniform and meet Army appearance standards.

MIL 225(1-5). Basic Military Science Practicum - 1-5 hours
A 6-week course conducted at Fort Knox, KY. The training is rugged and intensive with emphasis placed on leadership application, practical work and physical conditioning. Training will be conducted six days a week out-of-doors and requires active participation by all students.

MIL 3013. Military Leadership and Operations - 3 hours
Introduction to small unit tactics; principles of military leadership, to include theory, responsibilities, techniques and practice; branches of the U.S. Army, oral presentation techniques and practice. One field trip is required. This course may not be taken pass/not pass.

MIL 3023. Military Skills Building - 3 hours
Small unit tactics; applied military leadership (builds on knowledge gained in MIL 3013) with special emphasis on the junior leader's duties and responsibilities. Two field trips are required. This course may not be taken pass/not pass.

MIL/HIS 3153. American Military History - 3 hours (Fall, Spring)
American Military History from the colonial period to the present; its relation to the national development in war and peace.

MIL 3255. Advance Military Science Practicum - 3 hours
The 6-week course is conducted at Fort Lewis, Washington. The instruction, training and evaluation focuses on the professional development issues required to become an Army Officer. The primary focus is on evaluating the student's leadership potential through this mentally and physically demanding camp. The training and evaluation are conducted seven days a week for six weeks and require active participation by all students. The student is placed in leadership positions which require him/her to lead up to 120 fellow students for extended periods of time.

MIL 4113. Military Qualification Skills For the Advanced Cadet - 3 hours
Ethics and professionalism of the military officer; Army command staff functions; oral presentation techniques and practice; military leadership at junior officer level; world change and military obligations. One field trip is required. This course may not be taken pass/not pass.

MIL 4123. Transition from Cadet to Lieutenant - 3 hours
Military justice system; army supply and logistics procedures and responsibilities; officer management system; obligations and responsibilities of a military officer; military leadership at junior officer level. Two field trips are required. This course may not be taken pass/not pass.

MIL 496(1-2). Readings/Research in Military Science - 1-2 hours
Planned readings and research on subjects in or related to Military Science. May be repeated for a total of 3 hours. This course may not be taken pass/not pass.

MUSIC

MUS 0100. Recital Attendance - (Fall, Spring)
Laboratory in music literature, listening and performance. Attendance at a designated number of department-sponsored or approved concerts. Music majors must complete six semesters of this course. Enrollment for pass-fail only.

MUS/CHR 023(0-1). Worship Lab – 0-1 hour (Fall, Spring)
Laboratory in worship planning and worship leadership. Attendance at a designated number of department-sponsored learning and discussion events, plus assignment to worship-leading teams for rehearsal and participation in worship-leading opportunities. Lab fee $20.

MUS 1101. Basic Class Piano I - 1 hour (Fall, Spring)
Class instruction in piano designed for non-music students with no previous experience or less than one year. May not be taken by music majors or minors. Two hour lessons per week. No jury required. Lab fee $20.

MUS 1111. Basic Class Piano II - 1 hour (Fall, Spring)
Continuation of MUS 1101 but may be taken by non-music students with one-three years previous study. Students with more than three years study should enroll in Applied Piano. Two one-hour lessons per week. No jury required. Prerequisite: MUS 1101 or permission of instructor. Lab fee $20.

MUS 1121. Secondary Class Piano I - 1 hour (Fall)
Class instruction in piano for music majors and minors to develop functional ability in required secondary performance area. Required each semester until piano proficiency examination is passed. Two one-hour lessons per week. No jury required. Lab fee $20.

MUS 1131. Secondary Class Piano II - 1 hour (Spring)
Continuation of MUS 1121. Prerequisite: MUS 1121 or permission of Coordinator of Applied Music. Lab fee $20.

MUS 1141. Basic Class Voice - 1 hour (Fall, Spring)
Class instruction in voice designed to introduce beginning, non-music majors or minors. Two one-hour lessons per week. Lab fee $20. No jury required.

MUS 1151. Basic Class Guitar I - 1 hour (Fall, Spring)
Class instruction which covers fundamental concepts and applied methods in guitar. Emphasis will be given to chording, beginning music theory, strumming and finger-picking styles of playing, song-writing and performance techniques as they apply to the guitar. Completion of this course satisfies the guitar proficiency requirements for music education majors.

MUS 1161. Basic Class Guitar II - 1 hour (Fall, Spring)
Continuation of MUS 1151.

MUS 1171. Introduction to Church Music and Worship Leadership - 1 hour (Spring)
An introductory overview of the church music curriculum and careers in church music, with an emphasis on the qualifications and skills necessary for worship leaders.

MUS 1601. Music Fundamentals Lab – 1 hour (Fall, Spring)
An elementary study of the basic fundamentals of music reading including notation, rhythm, and chords. Some sightsinging, rhythm reading, and basic keyboard study will also be included. Concurrent enrollment in MUS 1613 or MUS 1623 is required.

MUS 1611. Sightsinging/Eartraining I - 1 hour (Fall)
Training in sightsinging and aural perception. Must be taken concurrently with MUS 1613 or MUS 1603. Music majors and minors; other with consent of department chair. Lab fee $20.

MUS 1613. Theory I - 3 hours (Fall)
An intensive study of theoretical concepts of music organization, including notation, melody, rhythm and harmony. Taken concurrently with MUS 1611; music majors and minors; others with consent of theory coordinator. Concurrent enrollment in MUS 1601 may be required based on theory placement examination.

MUS 1621. Sightsinging/Eartraining II - 1 hour (Spring)
Continuation of MUS 1611. Must be taken concurrently with MUS 1623. Lab fee $20. Prerequisite: MUS 1611 with a minimum grade of C.

MUS 1623. Theory II - 3 hours (Spring)
An historical/analytical study of theoretical concepts of music through the classical period. Taken concurrently with MUS 1621; Prerequisite: MUS 1613 with a minimum grade of C. Concurrent enrollment in MUS 1601 may be required based on the needs of the student.

MUS 1633. Survey of Music Literature - 3 hours (Fall, Spring)
Survey of representative music literature from all historical periods and the development of analytical listening techniques. Music majors and minors.

MUS 1701 Introduction to Music Education - 1 hour (Spring)
Introductory overview of the music education curriculum and the profession of the music educator.

MUS 2121. Secondary Class Piano III - 1 hour (Fall)
Continuation of MUS 1131. Prerequisite: MUS 1131 or permission of Coordinator of Applied Music. Lab fee $20.

MUS 2131. Secondary Class Piano IV - 1 hour (Spring)
Continuation of MUS 2121. Prerequisite: MUS 2121 or permission of Coordinator of Applied Music. Lab fee $20.

MUS 2602. Survey of World Music – 2 hours (Spring, even years)
A survey of non-Western musics as a way to experience and understand different cultures through their unique musical systems. Prerequisite: (choose one) FAR 1003, FAR 1023, HON 1003 or MUS 1633.

MUS 2611. Sightsinging/Eartraining III - 1 hour (Fall)
Advanced work in sightsinging and aural perception, including the study of standard music literature. Must be taken concurrently with MUS 2613. Lab fee $20. Prerequisite: MUS 1621 with a minimum grade of C.

MUS 2613. Theory III - 3 hours (Fall)
An historical/analytical/compositional study of the theoretical concepts of music of the Romantic period as well as a brief study of counterpoint, fugue and variation techniques. Taken concurrently with MUS 2611. Lab fee $20. Prerequisite: MUS 1623 with a minimum grade of C.

MUS 2621. Sightsinging/Eartraining IV - 1 hour (Spring)
Continuation of MUS 2611. Must be taken concurrently with MUS 2623. Prerequisite: MUS 2611 with a minimum grade of C. Lab fee $20.

MUS 2623. Theory IV - 3 hours (Spring)
An historical/analytical/compositional study of theoretical concepts of music from 1890 to the present. Taken concurrently with MUS 2621. Lab fee $20. Prerequisite: MUS 2613 with a minimum grade of C.

MUS 2631. Sightsinging for the Stage – 1 hour (Fall, even years)
A continuation of MUS 1621 for students pursuing a minor in musical theatre. Further exploration of meter, rhythm patterns, intervals and keys through singing exercises at sight. Particular application to musical theatre song materials. Ensemble, partner and solo exercises will be used.

MUS 2702. Basic Conducting - 2 hours (Fall)
Introduction to manual techniques of conducting, terminology for the conductor, mechanics of choral, band and orchestral scores. Prerequisites: MUS 1621 and 1623.

MUS 2711. Instrumental Fundamentals - 1 hour (Spring)
An elementary study of woodwind, brass, and percussion instruments with emphasis on tone production, fundamental performance techniques, and pedagogy. Lab fee $25.

MUS/CHR 2712. Worship Leading for Small Groups - 2 hours (Spring, odd years)
To provide basic worship leading skills for ministerial students and others working with small churches and small groups. Attention given to motivating and directing congregational and small group singing, planning worship services and rudimentary techniques in leading choirs of limited skill. No credit for music majors and minors.

MUS 2721. String Fundamentals - 1 hour (Fall)
An elementary study of string instruments with an emphasis on tone production and fundamental performance techniques. Laboratory teaching experience. Two class meetings per week. Lab fee $25.

MUS 2731. Woodwind Methods - 1 hour (Spring, even years)
An intensive study of woodwind instruments including a survey of solo, ensemble and instructional literature. Emphasis on the ability to play and teach. Laboratory teaching experience. Two class meetings per week. Lab fee $35.

MUS 2741. Brass Methods - 1 hour (Fall, even years)
An intensive study of brass instruments including a survey of solo, ensemble and instructional literature. Emphasis on the ability to play and teach. Laboratory teaching experience. Two class meetings per week. Lab fee $25.

MUS 2751. Percussion Methods - 1 hour (Spring, odd years)
An intensive study of percussion instruments including a survey of solo, ensemble and instructional literature. Emphasis on the ability to play and teach. Laboratory teaching experience. Two class meetings per week. Lab fee $25.

MUS 2771. Vocal Diction I 1 hour (Fall)
A basic study of the phonetic pronunciation of the Italian and English languages through the use of the International Phonetic Alphabet. Must be taken concurrently with MUS 1331 or 1332.

MUS 2781. Vocal Diction II - 1 hour (Fall)
A basic study of the phonetic pronunciation of the German and French languages through the use of the International Phonetic Alphabet. Prerequisite: MUS 2771.

MUS 2802. Piano Pedagogy - 2 hours (Fall, even years)
Discussion and analysis of suitable methods and materials of teaching at elementary and intermediate levels. Guidance in establishing and operating the private studio. Prerequisite: MUS 1311 or 1312.

MUS 295(1-4). Special Topics in Music - 1-4 hours (On sufficient demand)
Topics of special interest in music. May require the appropriate applied fee. Prerequisite: Consent of department chair.

MUS 3602. Analysis of Music Structure - 2 hours (Fall, odd years)
Advanced study of analytical techniques applied to music from the 17th-20th centuries. Prerequisite: MUS 2611 and 2623.

MUS 3622. Orchestration - 2 hours (Fall, even years)
Study of the capabilities of band and orchestral instruments; analysis of scores; practical work in scoring for small and large instrumental combinations. Prerequisite or concurrent enrollment: MUS 2611 and 2623. Lab fee $20.

MUS 3653. History of Western Music I - 3 hours (Fall)
Intensive study of the history of music and representative music literature before 1750. Prerequisite: MUS 1633 and MUS 2613 or permission of instructor.

MUS 3663. History of Western Music II - 3 hours (Spring)
Intensive study of the history of music and representative music literature since 1750. Prerequisites: MUS 2623 and MUS 3653.

MUS 3672. Organ Literature and Design - 2 hours (Spring, odd years)
A survey of organ literature and practical study of organ registration, design and pedagogy. Prerequisite: MUS 1321 or 1322.

MUS 3712. Choral Conducting - 2 hours (Spring)
Continued work toward mastery of the basic skills of conducting. Emphasis upon the development of choral rehearsal and performance techniques. Survey of stylistic characteristics of the five major periods of choral literature. Prerequisite: MUS 2702.

MUS 3722. Instrumental Conducting - 2 hours (Spring, even years)
Continued work toward mastery of the basic skills of conducting, including score study, score arranging, and baton technique. Emphasis upon the development of band and orchestra rehearsal and performance techniques. Survey of stylistic characteristics of the major periods of band literature. Prerequisite: MUS 2702.

MUS 3732. Church Music Literature and Materials - 2 hours (Fall, even years)
Survey and analytical study of sacred music literature including choral and instrumental music representing all periods of church music with emphasis on music relevant to the contemporary church. Prerequisite: MUS 1623 and 1633.

MUS 3742. Church Music Education - 2 hours (Spring, odd years)
A study of organizational techniques, methods and materials, unit and rehearsal plans and enlistment procedures for a church music program for children through grade six.

MUS/CHR 3752. Instrumental Ministry in the Church - 2 hours (Spring, even years)
A practical study of the use of instrumental music in the church, including all aspects of instruments in music ministry. Techniques and materials used by the church pianist and organist involving hymn playing, modulation, transposition, improvisation, and accompanying choirs and soloists. The use of band and orchestra instruments in varying combinations and the use of handbells in music ministry. Prerequisite: Two semesters of piano (or organ) or permission of instructor.

MUS/CHR 3783. Worship and Song in the Church - 3 hours (Fall)
A historical survey of the worship practice and congregational song of the major Christian denominations with an emphasis on planning worship for today's churches.

MUS 3802. Piano Literature - 2 hours (Fall, odd years)
A general survey of piano repertoire from 1650-Present. Prerequisite: Two semesters of piano or permission of instructor.

MUS 3812. Vocal Pedagogy - 2 hours (Spring, odd years)
An intensive study of vocal teaching techniques and vocal literature for use in private studio, voice class, music contest and worship. Laboratory teaching experience. Prerequisite: Four semesters of applied voice or consent of instructor.

MUS/EDU 3813. Elementary Music Education - 3 hours (Spring)
Study of administrative teaching techniques and survey of materials for teaching vocal and instrumental music in early childhood and elementary grades. Examination of musical concepts and skills appropriate at each age or learning level. Training in use of piano, recorder, autoharp and fretted instruments. Prerequisite: MUS 1621 and 1623; music majors and minors only. In order to enroll in EDU 3813 a GPA of 3.00 is required.

MUS 3853. Music Industry I - 3 hours (Fall, even years)
A study of issues affecting the music industry professional. An introduction to careers, public relations, self-promotion and music licensing organizations. Prerequisite: 64 hours completed or permission of instructor.

MUS 3863. Music Industry II - 3 hours (Fall, odd years)
An in-depth study of issues affecting the music industry professional. Aspects of concert promotion, contracts, licensing costs and the role of the music agent will be studied. Prerequisite: 64 hours completed or permission of instructor.

MUS 3923. Recording Techniques - 3 hours (Spring, odd years)
Survey of terminology, equipment, and basic techniques of sound reinforcement and recording, along with hands-on projects in recording and live performances. Lab fee $35.

MUS/CHR 4101. Church Music Technology - 1 hour (Spring, even years)
An introductory overview of the technology available to church musicians. Prerequisite: CIS 1103 or 1033.

MUS/EDU 4573. Methods of Teaching Vocal Music in the Middle and Secondary Schools - 3 hours (Fall, odd years)

Study of philosophy of music education, administrative and teaching techniques and materials for teaching vocal music in the middle and secondary schools. Music majors and minors only. Prerequisites: MUS 1621 and 1623. In order to enroll in EDU 4573 a GPA of 3.00 is required.

MUS/EDU 4582. Methods of Teaching Instrumental Music in the Middle and Secondary Schools - 2 hours (Fall, even years)

Study of philosophy of music education, administrative and teaching techniques and materials for teaching instrumental music in middle and secondary schools. Emphasis will be placed on lesson plans and their implementation. Music majors and minors only. Prerequisites: MUS 1621 and 1623. In order to enroll in EDU 4582 a GPA of 3.00 is required.

MUS 4622. Choral Arranging and Composition - 2 hours (Spring)

Original composition in idioms of the 20th century, including original pieces suitable for school and church. Emphasis on creative ideas and techniques for choral arranging. Lab fee $20. Prerequisite: MUS 2621 and 2623.

MUS 4701. Supervised Teaching in Piano - 1 hour (Fall, Spring)

Practical piano teaching experience in a supervised laboratory situation. Prerequisite: MUS 2802.

MUS 4712. Choral Techniques - 2 hours (Fall, even years)

Building the needed understanding, listening skills and expectations for developing a choral ensemble in regard to the aspects which shape choral teaching and performance, which include: vocal pedagogy and choral tone, musicality and performance practice, text and diction, rhythmic vitality, tuning and intonation, and dynamics. Prerequisites: MUS 3712: music major and minors only.

MUS 4722. Repertoire for Secondary Choral Music - 2 hours (Spring, even years)

A study of choral music appropriate for use in the secondary school and the criteria for its selection. Prerequisite: MUS 3712 or permission of instructor.

MUS 4732. Marching and Jazz Band Techniques - 2 hours (Fall, odd years)

Study of techniques in the organization, training and performance of marching and jazz bands in public schools. Techniques for music arranging and drill writing will be studied. Laboratory: required field trips to high school rehearsals, parades and contests.

MUS 4742. Repertoire for Secondary Instrumental Music - 2 hours (Spring, odd years)

A study of instrumental music appropriate for use in the secondary school and the criteria for its selection. Prerequisite: MUS 3722 or permission of instructor.

MUS/CHR 4743. Church Music Administration - 3 hours (Fall, odd years)

Study of the functional approach to the church music ministry including organization, administration, budget, calendar, scheduling, purchase and maintenance of equipment, rehearsal, performance, service planning, congregational activities and staff relations.

MUS 4752. Supervised Field Experience in Church Music - 2 hours (Fall, Spring)

On-the-job training under the supervision of a full-time minister. Includes observation and supervised work as director and/or accompanist. Course fee $75. Prerequisite: MUS 3743 and 4743.

MUS 495(1-4). Intensive Studies in Music - 1-4 hours (On demand)

Topics of special interest in music. May require the appropriate applied fee. Prerequisite: Consent of department chair.

MUS 4983. Internship in the Music Industry - 3 hours (On demand)

On-the-job training in a music industry agency, such as a recording studio, music store or music theater. Includes 160 hours of observation, instruction, supervised tasks and evaluation.

MUS 499(1-3). Independent Studies - 1-3 hours (Fall, Spring)

Advanced studies of specific topics arranged with department chair.

ENSEMBLES: Students enroll in ensemble according to academic classification prefix.

(1) Freshman (2) Sophomore (3) Junior (4) Senior

The major ensembles are Concert Choir, SBU Chorale, Wind Symphony, and Orchestra.

MUS (1,2,3,4)001. Concert Choir - 1 hour (Fall, Spring)

Open to all students by audition. Study and performance of literature for the mixed choir. Three rehearsals per week. Concerts on campus and off-campus. Lab fee $20.

MUS (1,2,3,4)011. SBU Chorale - 1 hour (Fall, Spring)
Open to all students by audition. Study and performance of advanced literature for the mixed choir. Four rehearsals per week. Concerts on campus and on tours. Lab fee $20.

MUS (1,2,3,4)021. Wind Symphony - 1 hour (Fall, Spring)
Open to all students by audition. Study and performance of works for concert band (woodwinds, brass, percussion and string bass). Four rehearsals per week. Concerts on campus and on tours. Lab fee $20.

MUS (1,2,3,4)031. Chamber Orchestra - 1 hour (Fall, Spring)
Open to all students by audition. Study and performance of works for both string and full orchestra as well as for other combinations involving orchestra string instruments. Three rehearsals per week. Lab fee $20.

MUS/THR (1,2,3,4)041. Opera Theatre - 1 hour (Fall, Spring)
Open to all students by audition. Study and performance of operatic or musical theater solos and ensembles. One major production per year. Lab fee $10.

MUS (1,2,3,4)051. Jazz Ensemble - 1 hour (Fall, Spring)
Open to all students by audition. Study and performance of works for jazz ensemble. Two rehearsals per week. Concerts on campus and on tours. Lab fee $10.

MUS (1,2,3,4)061. Brass Ensemble - 1 hour (Spring)
Open to all students by audition. Various quartets, quintets and choirs. Lab fee $10.

MUS (1,2,3,4)071 - Percussion Ensemble - 1 hour (Fall, Spring)
Open to all students by audition. Various chamber ensembles consisting of percussion instruments. Lab fee $10.

MUS (1,2,3,4)081. Higher Ground - 1 hour (Fall, Spring)
Open to all students by audition. Small ensemble of vocalists and instrumentalists emphasizing contemporary Christian music. Performance on campus and on tour in schools and churches. Vocalists must be enrolled in SBU Chorale or Concert Choir. Lab fee $10.

MUS 2091. University Band - 1 hour (Fall, Spring)
Open to all students and community members. One/two evening rehearsals per week. Concerts on campus in conjunction with the Wind Symphony. Lab fee $20.

MUS 2111. Community Chorus - 1 hour (Fall, Spring)
Open to all students and community members. One/two evening rehearsals per week. Concerts on campus in conjunction with the Concert Choir. Lab fee $20.

MUS (1,2,3,4)511. Chamber Singers - 1 hour (Fall, Spring)
Open to all students by audition. Vocal ensemble performing chamber literature from major stylistic periods including vocal jazz. Three rehearsals per week. Must be enrolled in SBU Chorale concurrently, or by instructor approval. Lab fee $10.

MUS (1,2,3,4)521. Woodwind Ensemble - 1 hour (Fall, Spring)
Open to all students by audition. Various chamber ensembles consisting of one or more of the following: flutes, oboes, clarinets, saxophones and bassoons. Lab fee $10.

MUS (1,2,3,4)531. String Ensemble - 1 hour (Fall, Spring)
Open to all students by audition. Chamber ensemble consisting of bowed string instruments. Lab fee $10.

NON-CREDIT OPTIONS FOR ENSEMBLE ENROLLMENT

MUS 2010. SBU Chorale – 0 credit hours (Fall, Spring) Lab fee $20.
MUS 2020. Wind Symphony – 0 credit hours (Fall, Spring) Lab fee $20.
MUS 2030. Chamber Orchestra – 0 credit hours (Fall, Spring) Lab fee $20.
MUS 2090. University Band – 0 credit hours (Fall, Spring) Lab fee $20.
MUS 2100. Concert Choir – 0 credit hours (Fall, Spring) Lab fee $20.
MUS 2110. Community Chorus – 0 credit hours (Fall, Spring) Lab fee $20.
MUS 2040. Opera Theatre – 0 credit hours (Fall, Spring) Lab fee $10.
MUS 2050. Jazz Ensemble – 0 credit hours (Fall, Spring) Lab fee $10.
MUS 2060. Brass Ensemble – 0 credit hours (Fall, Spring) Lab fee $10.
MUS 2070. Percussion Ensemble – 0 credit hours (Fall, Spring) Lab fee $10.
MUS 2080. Higher Ground – 0 credit hours (Fall, Spring) Lab fee $10.
MUS 2510. Chamber Singers – 0 credit hours (Fall, Spring) Lab fee $10.
MUS 2520. Woodwind Ensemble – 0 credit hours (Fall, Spring) Lab fee $10.
MUS 2530. String Ensemble – 0 credit hours (Fall, Spring) Lab fee $10.

PRIVATE APPLIED MUSIC (FALL, SPRING)

Private instruction for music majors and minors and intermediate to advanced non-majors. Students should enroll in applied lessons according to the semester of study in the specific applied area (See applied music enrollment criteria). All applied music may be taken for 1 or 2 hours credit. Applied fee $250 per credit hour per semester. Practice room fee $30 per semester.

Enrollment in Applied Conducting presumes previous study in conducting as a prerequisite—this includes MUS 2702 Basic Conducting, along with either: MUS 3722 Instrumental Conducting; or MUS 3712 Choral Conducting and MUS 4712 Choral Techniques.

Enrollment in Applied Composition presumes previous study in music theory as a prerequisite—usually this includes substantial progress in the sequence of music theory courses.

Students who wish to participate in applied music study for no academic credit should enroll in MUS 2200 Applied Music – Applied music for 0 credit hours (1/2 hour lesson each week – applied fee $250).

APPLIED MUSIC ENROLLMENT CRITERIA

1000-level: First or second semester of study
2000-level: Third or fourth semester of study
3000-level: Fifth or sixth semester of study
4000-level: Seventh or more semester of study

(1,2,3,4)20(1,2) Applied Flute
(1,2,3,4)21(1,2) Applied Oboe
(1,2,3,4)22(1,2) Applied Clarinet
(1,2,3,4)23(1,2) Applied Bassoon
(1,2,3,4)24(1,2) Applied Saxophone
(1,2,3,4)25(1,2) Applied French Horn
1,2,3,4)26(1,2) Applied Trumpet
(1,2,3,4)27(1,2) Applied Trombone
(1,2,3,4)28(1,2) Applied Euphonium
(1,2,3,4)29(1,2) Applied Tuba
(1,2,3,4)30(1,2) Applied Percussion
(1,2,3,4)31(1,2) Applied Piano
(1,2,3,4)32(1,2) Applied Organ
(1,2,3,4)33(1,2) Applied Voice
(1,2,3,4)34(1,2) Applied Violin
(1,2,3,4)35(1,2) Applied Viola
(1,2,3,4)36(1,2) Applied Cello
(1,2,3,4)37(1,2) Applied Double Bass
(1,2,3,4)40(1,2) Applied Guitar
(1,2,3,4)41(1,2) Applied Harp
438(1,2) Applied Conducting
439(1,2) Applied Composition

NURSING

NUR/HSC 0013. Student Success Academy - 3 hours (2 hours didactic, 1 hour clinical)

(Contact hours: 30 classroom, 45 clinical)

This course introduces study strategies available to students to promote the successful completion of a program within the nursing and health sciences department. The clinical experiences will be determined by the faculty to ensure the student maintains competency. Clinical experiences are designed to complement the individual student based on individual needs and semester enrolled. This course is required if a student is unsuccessful in any of the NUR 1000/2000 level courses except (NUR 1011, NUR 1021, or NUR 2031). Prerequisites: CHE 1004 or CHE 1104, BIO 2204, BIO 3304, BIO 2213. The following are co-requisite if not previously completed: CIS-1103, PSY-1013, ENG 1113, and PSY 3063.

NUR 0113. MCONHS Transitions Course I - 3 hours (2 hours didactic, 1 hour clinical)
(Contact hours: 30 Classroom, 45 Clinical)
This course introduces Transfer Nursing Students to the skills and procedures utilized within the ASN program. The technical skills, professional nursing concepts, and pharmacological interventions (if needed) covered in first semester are reviewed in the learning resource center, in the classroom, and via interactive assignments utilizing the Blackboard learning management system. Clinical experiences provide opportunities to apply learned classroom knowledge and orientation to the clinical environment. Prerequisites: CHE 1004 or CHE 1104, BIO 2204, BIO 3304, BIO 2213, 9 hours transfer equivalency to NUR 1004, NUR 1014, NUR 1011, and Admission into the ASN Nursing Program.

NUR 0203. MCONHS Transitions Course II - 3 hours (2 hours didactic, 1 hour clinical)
(Contact hours: 30 Classroom, 45 Clinical)
This course introduces Transfer Nursing Students to the skills and procedures utilized within the ASN program. The technical skills, professional nursing concepts, and pharmacological interventions (if needed) covered in first and second semesters are reviewed in the learning resource center, in the classroom, and via interactive assignments utilizing the Blackboard learning management system. Clinical experiences provide opportunities to apply learned classroom knowledge and orientation to the clinical environment. Prerequisites: CHE 1004 or CHE 1104, BIO 2204, BIO 3304, BIO 2213, 18 hours transfer equivalency to NUR 1004, NUR 1014, NUR 1011, NUR 1024, NUR 1034, NUR 1021 and Admission into the ASN Nursing Program. Must also have at least 4 of the 7 General Education requirements already completed (English I, Intro to Computing, General Psychology, Nutrition, Human Growth and Development, Old Testament History, New Testament History).

NUR 1004. Foundations in Safe Nursing Practice - 4 hours (3 hours didactic, 1 hour clinical)
(Contact hours: 45 Classroom, 45 Clinical)
Emphasizes health promotion, including self-health and patient health practices. Students build an understanding of concepts foundational to the role of the professional nurse with an emphasis on the assessment of the healthy client across the lifespan. Clinical experiences allow students the opportunity to apply essential nursing knowledge, skills, and attitudes to provide safe patient-centered care.

NUR 1011. Pharmacology for Nursing I - 1 hour (Didactic only)
(Contact hours: 15 Classroom)
The basic principles of pharmacokinetics will be introduced and the nurse's role in safe medication administration will be reinforced. Medications that promote health and prevent illness and disease across the lifespan will be emphasized. Prerequisites: CHE 1004 OR CHE 1104, BIO 2204, BIO 3304, BIO 2213, NUR 1004. The following are co-requisite if not previously completed: CIS 1103, PSY 1013, NUR 1014. This course may not be taken concurrently with the other Pharmacology courses (NUR 1021 or NUR 2031.

NUR/HSC 1013. Medical Terminology - 3 hours. (On demand)
This course focuses on the basic principles of medical terminology and application to the day-to-day work of allied health personnel. This course does not fulfill the elective requirement for the B.S.N. program. This course is an elective for the pre-nursing and ASN programs.

NUR 1014. Intro to Nursing Across the Lifespan - 4 hours (2 hours didactic, 2 hours clinical)
(Contact hours: 30 Classroom, 90 Clinical).
Knowledge of growth and development will be used to develop a plan of prevention for at-risk patients across the lifespan. Varied clinical experiences will allow the students opportunities to apply essential nursing knowledge, skills, and attitudes to provide safe patient-centered care. Varied clinical experiences will allow the students opportunities to apply essential nursing knowledge, skills and attitudes to provide safe patient-centered care. 90 contact hours of clinical will be included. Prerequisites: CHE 1004 or CHE 1104, BIO 2204, BIO 3304, BIO 2213, NUR 1004. The following are co-requisite if not previously completed: CIS 1103, PSY 1013, NUR 1011.

NUR 1021. Pharmacology for Nursing II - 1 hour (didactic only)
(Contact hours: 15 Classroom)
Previously learned pharmacological content will be reinforced and expanded upon. Understanding the nurses' role in medication administration for patients with physiologic and psychosocial chronic and sub-acute conditions across the lifespan will be emphasized. Prerequisites: CHE 1004 or CHE 1104, BIO 2204, BIO 3304, BIO 2213, CIS 1103, PSY 1013, NUR 1004, NUR 1014, NUR 1011. The following are co-requisite if not previously completed: NUR 1024, NUR 1034, ENG 1113, PSY 3063. This course may not be taken concurrently with the other Pharmacology courses (NUR 1011 or NUR 2031).

NUR 1024. Patient Centered Care I - 4 hours (2 hours didactic, 2 hours clinical)
(Contact hours: 30 Classroom, 90 Clinical)
Previously learned content will be reinforced and expanded upon. Based on knowledge of the comprehensive assessment of patients across the lifespan, concepts related to chronic and sub-acute physiologic conditions will be

introduced. Varied clinical experiences will allow the students opportunity to apply essential nursing knowledge, skills, and attitudes to provide safe patient-centered care. 90 contact hours of clinical will be included. Prerequisites: CHE 1004 or CHE 1104, BIO 2204, BIO 3304, BIO 2213, CIS 1103, PSY 1013, NUR 1004, NUR 1014, NUR 1011. The following are co-requisite if not previously completed: NUR 1021, ENG 1113, PSY 3063.

NUR 1034. Patient Centered Care II - 4 hours (2 hours didactic, 2 hours clinical)

(Contact hours: 30 Classroom, 90 Clinical)

Previously learned content will be reinforced and expanded upon. Based on knowledge of the comprehensive assessment, students will prioritize care of patients across the lifespan who have chronic and sub-acute physiologic and psychosocial conditions. Varied clinical experiences will allow the students opportunities to apply essential nursing knowledge, skills and attitudes to provide safe patient-centered care. 90 contact hours of clinical will be included. Prerequisites: CHE 1004 or CHE 1104, BIO 2204, BIO 3304, BIO 2213, CIS 1103, PSY-1013, NUR 1004, NUR 1014, NUR 1011, NUR 1024. The following are co-requisite if not previously completed: NUR 1021, ENG 1113, PSY 3063.

NUR 1104. Paramedic/Advanced Placement Bridge - 4 hours (2 hours didactic, 2 hours clinical)

(Contact hours: 30 classroom, 90 clinical)

This course introduces paramedics to professional nursing practice ranging from basic concepts and theories to care for the medical and surgical patients as in the first and second semester nursing courses. Technical skills and pharmacological interventions will be reviewed in the learning resource center, in the classroom, and with guided self-study. Clinical experiences provide opportunities to apply learned classroom knowledge. Sub-concepts of nursing including caring, communication, client education and accountability will be discussed. Prerequisites: BIO 2204, BIO 2213, BIO 3304, CHE 1004 or CHE 1104, ENG 1113, PSY 1013, admission to the ASN program and current Missouri paramedic licensure. Advanced placement into third semester nursing courses is granted upon successful completion of this course, with 14 nursing hours being waived for previous paramedic education.

NUR 1223. Transfer Nursing Course II – 3 hours

Nursing students transferring into the 2nd semester from another accredited program will be required to take this course which will introduce them to the skills and procedures utilized within the ASN program. The technical skills, professional nursing concepts, and pharmacological interventions (if needed) covered in first semester will be reviewed in the learning resource center, in the classroom, and via interactive assignments utilizing the SBU learning management system. Clinical experiences will provide opportunities to apply learned classroom knowledge and orientation to the clinical environment. Prerequisites: CHE 1004 or CHE 1104, BIO 2204, BIO 3304, BIO 2213. Advanced placement into second semester nursing courses granted on successful completion of this course, with 6 additional nursing hours granted for previous nursing education. Advanced placement into second semester nursing courses granted on successful completion of this course, with additional nursing hours granted for previous nursing education.

NUR 2003. LPN Bridge - 3 hours (2 hours didactic, 1 hour clinical)

(Contact hours: 30 classroom/independent study, 45 clinical)

This course introduces LPN's to professional nursing practice ranging from basic concepts and theories to care of the medical and surgical patients as found in the first and second semester courses. Technical skills and pharmacological interventions are reviewed in the learning resource center, in the classroom and with guided self-study. Clinical experiences provide opportunities to apply learned classroom knowledge. Sub-concepts of nursing including caring, communication, client education and accountability will be discussed. Prerequisites: BIO 2204, BIO 3304, CHE 1004 or CHE 1104, ENG 1113, PSY 1013, admission to the program, and current LPN Missouri License. Advanced placement into third semester nursing courses is granted upon successful completion of this course with 15 hours of nursing credits being waived for previous LPN education. Prerequisites: CHE 1004, BIO 2204, BIO 3304, BIO 2213. The following are co-requisite if not previously completed: CIS-1103, PSY 1013.

NUR 2014. Advanced Patient Centered Care I - 4 hours (2 hours didactic, 2 hours clinical)

(Contact hours: 30 Classroom, 90 Clinical)

Previously learned content will be reinforced and expanded upon. Students will focus on patient-centered evidence-based care across the lifespan with emphasis on the child-bearing experience and care of patients with complex health conditions. Varied clinical experiences will allow the students opportunities to apply essential nursing knowledge, skills, and attitudes to provide safe patient-centered care. 90 contact hours of clinical will be included. Prerequisites: CHE 1004 or CHE 1104, BIO 2204, BIO 3304, BIO 2213, CIS 1103, PSY 1013, ENG 1113, PSY 3063, NUR 1004, NUR 1014, NUR 1011, NUR 1024, NUR 1034, NUR 1021. The following are co-requisite if not previously completed: NUR 2031.

NUR 2024. Advanced Patient Centered Care II - 4 hours (2 hours didactic, 2 hours clinical)
(Contact hours: 30 Classroom, 90 Clinical)
Previously learned content will be reinforced and expanded upon. Students will focus on patient-centered evidence-based care across the lifespan with emphasis on patients with multi-system health conditions. Varied clinical experiences will allow the students opportunities to apply essential nursing knowledge, skills, and attitudes to provide safe patient-centered care. 90 contact hours of clinical will be included. Prerequisites: CHE 1004 or CHE 1104, BIO 2204, BIO 3304, BIO 2213, CIS 1103, PSY 1013, ENG 1113, PSY 3063, NUR 1004, NUR 1014, NUR 1011, NUR 1024, NUR 1034, NUR 1021, NUR-2014. The following are co-requisite if not previously completed: NUR 2031.

NUR 2031. Pharmacology for Nursing III - 1 hour (didactic only)
(Contact hours: 15 Classroom)
Previously learned pharmacological content will be reinforced and expanded upon. Understanding the nurses' role in medication administration for patients with child-bearing and complex multi-system health conditions across the lifespan will be emphasized. Prerequisites: CHE 1004 or CHE 1104, BIO 2204, BIO 3304, BIO 2213, CIS 1103, PSY 1013, ENG 1113, PSY 3063, NUR 1004, NUR 1014, NUR 1011, NUR 1024, NUR 2021. The following are co-requisite if not previously completed: NUR 2014, NUR 2024. This course may not be taken concurrently with the other Pharmacology courses (NUR 1011 or NUR 2021).

NUR 2034. Complex Patient Centered Care - 4 hours (1 hour didactic, 2 hours clinical)
(Contact hours: 30 Classroom, 90 Clinical)
Previously learned content will be reinforced and expanded upon. Students will focus on patient-centered evidence-based care across the lifespan with emphasis on patients with emergent health conditions, triage, and disaster/mass casualty planning. Varied clinical experiences will allow the students opportunities to apply essential nursing knowledge, skills, and attitudes to provide safe patient-centered care. 90 contact hours of clinical will be included. Prerequisites: CHE 1004 or CHE 1104, BIO 2204, BIO 3304, BIO 2213, CIS 1103, PSY 1013, ENG 1113, PSY 3063, NUR 1004, NUR 1014, NUR 1011, NUR 1024, NUR 1034, NUR 1021, NUR 2014, NUR 2024, NUR 2031. The following are co-requisite if not previously completed: BIO 2243, BIB 1013, BIB 1023.

NUR 2044. Nursing Role Integration - 4 hours (2 hours didactic, 3 hours clinical)
(Contact hours: 15 Classroom, 135 Clinical)
This capstone course will focus on the application of advanced concepts and skills central to professional nursing with an emphasis on the nursing domains of leadership, management of care, professionalism and servant leadership. A preceptor experience is included in the course with 135 contact hours of clinical to allow the student to safely transition into the role of the professional nurse. Prerequisites: CHE 1004 or CHE 1104, BIO 2204, BIO 3304, BIO 2213, CIS 1103, PSY 1013, ENG 11113, PSY 3063, NUR S004, NUR 1014, NUR 1011, NUR 1024, NUR 1034, NUR 1021, NUR 2014, NUR 2024, NUR 2031. The following are co-requisite if not previously completed: BIO 2243, BIB 1013, BIB 1023.

NUR 2051. NCLEX Preparation – (1 hour didactic)
(Contact hours: 15 Classroom)
This course is designed to prepare students for the NCLEX-RN licensure exam. This course is a hybrid course.

NUR 2333. Transfer Nursing Course III – 3 hours
Nursing students transferring into the 3rd semester from another accredited program will be required to take this course which will introduce them to the skills and procedures utilized within the ASN program. The technical skills, professional nursing concepts, and pharmacological interventions (if needed) covered in first and second semester will be reviewed in the learning resource center, in the classroom, and via interactive assignments utilizing the SBU learning management system. Clinical experiences will provide opportunities to apply learned classroom knowledge and orientation to the clinical environment. Prerequisites: CHE 1004 or CHE 1104, BIO 2204, BIO 3304, BIO 2213. Must also have at least 4 of the 7 General Education requirements already completed (English I, Intro to Computing, General Psychology, Nutrition, Human Growth and Development, Old Testament History. New Testament History). Advanced placement into third semester nursing courses granted on successful completion of this course, with additional nursing hours granted for previous nursing education.

NUR/ HSC 3003. Legal and Ethical Issues for Health Professionals - 3 credit hours (Fall, Spring)
This course introduces ethical and legal concepts. Explores the basic principles of ethics and the law and how they affect health care decisions. Examines the responsibilities of health care professionals in legal matters and ethical dilemmas. Emphasizes a Christian approach to the law and ethics in health care. ASN or BSN course elective.

NUR/HSC 3013. Organization and Delivery of Health Care - 3 hours (Fall, Spring)
This course provides an overview of health care delivery systems, examining such influencing forces as history, values and resources. Considers the role of reimbursement methods, technology, personnel and public policy in health care

delivery. Explores the structures, processes, outcomes and challenges of the U.S. health care system. ASN or BSN course elective.

NUR 3023. Faith Community Nursing - 3 hours (On demand)

This course explores the role of nursing in the faith community. The unique dimensions of nursing in the church will be examined as well as an overview of health, healing, and wholeness from a variety of faith traditions and perspectives. The role of the faith community is considered in the light of scripture and Christian traditions. ASN or BSN course elective.

NUR 3033. Care at the End of Life - 3 hours (On demand)

This course examines professional concepts to guide care at the end of life. The concepts build on prior education and experience to enhance professional growth. These concepts include evidence-based practice, ethics, decision-making processes, grief and loss, and future trends in health care. ASN or BSN course elective.

NUR 3043. Missionary Nursing- 3 hours (Summer)

The focus of this course is on the MCONHS annual Ecuador nursing missions trip. This course examines the culture of the area, our mission as nurses, Christ's call upon our lives, and the ministry of nursing. ASN or BSN course elective.

NUR 3053. Diabetes Across the Lifespan - 3 hours (On demand)

This course will emphasize current research, clinical practice guidelines, patient education, and patient experience of diabetes as a disease. The course will provide a general overview of the disease along with helping the students better understand the diabetes experience and how to educate/provide nursing care to the diabetic client. ASN or BSN course elective.

NUR 3063. Emergency Preparedness – 3 hours (On demand)

This course examines the challenges that all nurses have when preparing for hazards and emergencies that can occur in our communities. Nurses must plan for pandemic influenza, chemical, biological, radiological/nuclear, and explosive events, mass casualty incidents, natural and environmental disasters, and surge capacity to accommodate victims. This course provides an overview of the essential knowledge and skills for nurses to prepare for disasters, manage disasters, and meet the spiritual needs of victims. ASN or BSN course elective.

NUR/HSC 3073. Patient Education and Health Promotion- 3 hours (On demand)

This course focuses on patient education and health promotion methods for a variety of clinical settings. Students will go through the educational nursing process of assessment of client's needs, establishing nursing diagnoses, writing learning objectives, establishing learning activities/ interventions, and evaluation of their educational intervention and learning objectives. Health promotion and health belief models and theories will be integrated into this patient education process. Students will examine techniques of, and barriers to, health education in various health care settings. ASN or BSN course elective.

NUR/HSC 3083. Clinical Genetics - 3 hours (On demand)

This course focuses on the fundamentals of genetics. The course is designed to give the student a basic understanding of genetic concepts so that this knowledge can be utilized to understand current and future genetic theories and therapeutics. ASN, BSHS, or BSN course elective.

NUR/HSC 3093. Survey of Human Anatomy and Physiology for Nursing and Health Sciences - 3 hours (Fall, Spring)

This course is designed as a refresher course for students who have outdated (>5 years) coursework in human anatomy and physiology. The course will be offered as an accelerated compendium of key concepts of human anatomy and physiology.

NUR/HSC 3103. Basics of APA Writing in Health Care - 3 hours (On demand)

This course introduces students to the basic organization of the sixth edition of the Publication Manual. Students will be provided guidelines to format reports, essays, and research documents according to the standards set by the American Psychological Association (APA), 6th edition, or the most updated edition of the Publication Manual. This course will develop a standard writing practice for clarity in layout, punctuation, grammar, spelling, font size, and type by creating an overall consistency in the final documents recognized by publishers throughout the industry. The course will also provide defining foundational expectations and standards that foster and develop strong communication skills for the student to listen, write, and speak effectively to promote respect and credibility. ASR/BSHS elective course.

NUR/HSC 3203. Transition to the BSN Role - 3 hours (On demand)

This course introduces students to baccalaureate nursing standards. The core competencies of the RN-BSN program are introduced. These competencies include leadership principles, professional standards, research and evidence based practice, health information technology, health promotion, holistic assessment, and patient education. The fundamentals of successful learning in the online environment are introduced. Foci include assessing information and

resources, professional communication, and the development and maintenance of a professional portfolio. The integration of Christian principles and liberal arts education to professional practice are explored.

NUR 3303. Health Assessment - 3 hours (Fall, Spring) Curriculum lab fee: $100

This course will emphasize the assessment phase of the nursing process, which will include expanded history, physical examination, and the skills to perform both for patients throughout the lifespan. Several different types of health assessment approaches will be covered including: holistic, focused, systems, and complete head-to-toe physical examinations. As well, the student will learn to define levels of patient care and to vary assessment techniques accordingly. Critical thinking, assessment skills, and lab didactics will be enhanced through at home practice and online instruction. Prerequisite: Current RN license.

NUR 3363. Pharmacological and Complementary Therapies - 3 hours (On demand)

This course expands the student's ability to counsel clients about which approaches are evidence-based and which lack this background. This course explores therapies for disease as well as health and wellness. Examines allopathic pharmaceutical interventions seeking to develop a clearer understanding of how drugs affect the body across the life span (e.g., pharmacodynamics, pharmacokinetics). Prerequisites: BIO 2204, BIO 3304 and BIO 4404 or permission of instructor. ASN or BSN course elective.

NUR 3373. Professional Nursing Practice - 3 hours (Fall, Spring)

This course examines professional concepts and nursing theories that guide nursing practice. The concepts build on prior education and experience to enhance professional growth. These concepts include evidence-based practice, ethics, professional organizations, political action, health care economics, and future trends in health care.

NUR 3383. Gerontological Nursing - 3 hours (Fall, Spring)

This course addresses relevant topics directed at optimum nursing interventions of older adults. Students will examine the holistic effects of aging as well as issues specific to the older adult.

NUR 3393. Transcultural Nursing - 3 hours (On demand)

This course introduces the theories and concepts of transcultural nursing. Students will examine topics that identify therapeutic practices of nursing care for culturally diverse clients, families, and communities.

NUR/HSC 3453. Spirituality in Health Care – 3 hours (Fall, Spring)

This course explores personal Christian spiritual development, theory, and diverse models of spirituality emphasizing their impact on health care settings. Spiritual practices and the responsibilities and issues of spiritual care are examined. Christian discipleship and a Christian theology are discussed as they apply to professional practice in a secular environment.

NUR/HSC 3563. Health Care Informatics - 3 hours (Fall, Spring)

This course investigates concepts of computer technology and information science to identify, gather, process and manage information. This course focuses on an understanding of information and technology theory, computer and decision-making systems, data management and electronic information retrieval will be presented with relevance to patient care, health care management and health care research. Prerequisite: CIS 1103.

NUR/HSC 4013. Health Care in Culturally Diverse Populations - 3 credit hours (Spring, Summer, Fall)

This course explores current issues in health care pertaining to culturally diverse populations from a Christian perspective. Students will examine the theoretical, social, economic, political, environmental, and religious factors that affect health in different cultural groups. This course identifies therapeutic healthcare practices for culturally diverse clients, families, and communities.

NUR/HSC 4023. Health Care Finance - 3 credit hours (On demand)

This course focuses on the health of the community, including the holistic care of populations across the lifespan. Practice experiences are designed to complement the didactic content. Students will demonstrate knowledge, skills, and attitudes necessary for safe nursing care using evidence-based practice. Comprehensive health promotion, health maintenance and disease prevention are emphasized and include historical, economic, social, cultural, and political influences of population health.. ASN or BSN course elective.

NUR/HSC 4333. Research and Evidence Based Practice - 3 hours (Fall, Spring)

This course introduces students to the elementary components of the research process and the application of research to professional practice including the retrieval of relevant literature and critical appraisal. An emphasis is placed on the combined use of literature, clinical judgment, interprofessional perspectives, and patient preferences to guide practice decisions. Legal and ethical conduct for health care professionals involved in research and quality improvement involving diverse populations are examined. The role of theory in the research process with contribution to the development of health care knowledge is explored. ASR or BSHS elective.

NUR 4404. Community Health - 4 hours (Fall, Spring) Curriculum lab fee: $100

This course focuses on the theoretical practice concepts related to the health of the community. These include the historical, economic, social, cultural and political influences of population health. Aggregate health promotion, health

maintenance and disease prevention is emphasized. Community service learning activities at varying local community sites account for 1 credit hour with the remaining credits utilized for online classroom studies. Prerequisites: BIO 4404 and current RN license.

NUR 4423. Clinical Case Management - 3 hours (On demand)

This course focuses on nursing case management of the individual/family unit experiencing a life threatening illness or accident. Nursing, family, stress, crisis, and teaching learning theories will be examined. Prerequisites: BIO 4404, NUR 3303. ASN or BSN course elective.

NUR 4434. Administration and Leadership - 4 hours (Fall, Spring) Curriculum lab fee: $100

This course prepares students to provide high quality patient care exploring principles of organizational and systems leadership, including quality improvement, and safety. The course incorporates knowledge and communication strategies within interprofessional teams, care coordination, delegation, and developing conflict resolution strategies to be effective leaders and administrators in a complex and dynamic health care setting. Management theories and concepts are emphasized. Professional issues related to work-life balance, healthy work environments, and resource assistance in building a nursing career are also considered.

NUR/HSC 445(1-4). Special Topics in Nursing - 1-4 hours (On demand)

A study of topics from one or more fields chosen to meet students' special and/or advanced needs and interests. Potential topics include alternative modes of care delivery, nurse entrepreneurship, and nursing specialties such as staff development nursing and critical care nursing. ASN, BSHS, or BSN course elective.

NUR 4442. Capstone - 2 hour (Spring, Fall)

This course provides an exploration and synthesis of nursing knowledge and practice issues facing the nursing profession and the health care system, and includes a discussion of issues in practice, education and research. Each student will reflect on their learning in the BSN program and evaluate their achievement of the BSN Program Competencies. Prerequisites: Current RN license. This class is limited to students who are enrolled in the final semester of senior year and intend to graduate at the end of this semester.

NUR/HSC 499(1-3). Independent Studies - 1-3 hours (On demand)

Student-proposed topics in nursing practice, education or research which are approved by faculty and department chair for independent study. ASN, ASR, BSHS, or BSN course elective.

PARAMEDICAL

PAR 1004. Introduction to Paramedic Science - 4 hours (Fall, Spring)

This course serves to introduce the student to the role of the Advanced Life Support Provider. Topics covered include roles and responsibilities of ALS providers, medical terminology, self-care, introduction to pharmacology, and initial patient stabilization and management. Students will learn how to obtain a history and perform a physical assessment on a patient.

PAR 1005. Clinical and Field Experience I - 5 hours (Fall, Spring)

This clinical course serves to introduce the student to the role of the Advanced Life Support Provider. Topics covered include roles and responsibilities of ALS providers, medical terminology, introduction to pharmacology, and initial patient stabilization and management. Students will learn how to obtain a history and perform a physical assessment on a patient This course must be taken in conjunction with PAR 1004. This course is the complementary clinical component of PAR1004.

PAR 1104. The Trauma Patient - 4 hours (Fall, Spring)

This course provides students with a comprehensive course in the pathophysiology, kinematics, and management of the trauma patient. Topics include multi-systems trauma, spinal injury, head injury, orthopedic injury, and burns

PAR 1105. Clinical and Field Experience II - 5 hours (Fall, Spring)

This course focuses on the clinical management of selected diseases, based on body systems. These include infectious and communicable diseases, allergies and anaphylaxis, behavioral disorders, toxicology and hematology, vascular, neurological, endocrine, renal, urogenital, gastrointestinal systems and associated emergencies.. This course must be taken in conjunction with PAR 1014. This course is the complementary clinical component of PAR1014.

PAR 1026. Special Considerations in Trauma - 6 hours (Fall, Spring)

This class provides students with the opportunity to study how growth and development impacts the delivery of emergency care. Topics include pediatric and neonatal emergencies, obstetrical care, geriatric emergencies, and age appropriate care. Provisions for providing emergency care to all age groups are presented. The normal physiological changes of aging are reviewed.

PAR 2004. Medical Emergencies - 4 hours (Fall, Spring)
This course is an introduction to the pathophysiology and management of selected diseases, based on body systems. These include infectious and communicable diseases, allergies and anaphylaxis, behavioral disorders, toxicology and hematology, vascular, neurological, endocrine, renal, urogenital, gastrointestinal systems and associated emergencies. An overview of common laboratory and diagnostics tests is presented.

PAR 2005. Clinical and Field Experience III - 5 hours (Fall, Spring)
This clinical course is the management of selected diseases, based on body systems. These include infectious and communicable diseases, allergies and anaphylaxis, behavioral disorders, toxicology and hematology, vascular, neurological, endocrine, renal, urogenital, gastrointestinal systems and associated emergencies. This course is the complementary course to PAR 2004. It must be taken concurrently with PAR 2004.

PAR 2014. Operational Management - 4 hours (Fall, Spring)
This course is an overview course covering all aspects of field practice including roles and responsibilities, medical control, written/oral communications, occupational stress, safety and legal considerations. Protocol interpretation and introduction to research design are covered.

PAR 2015. Clinical and Field Experience IV – 5 hours (Fall, Spring)
This course is the clinical course that requires the student to demonstrate mastery of aspects of field practice including roles and responsibilities, medical control, written/oral communications, occupational stress, safety and legal considerations. Protocol interpretation and introduction to research design are covered. This is the complimentary course to PAR 2014. It must be take concurrently with PAR 2014

PHILOSOPHY

PHI 2013. Philosophical Foundations for a Christian Worldview - 3 hours (Fall, Spring)
Introduction to historical and/or contemporary philosophical questions, problems, issues, and figures, with special emphasis on topics relevant to constructing and defending a coherent, philosophically adequate, Christian worldview.

PHI 3013. Logic and Language - 3 hours (On demand)
Examination of philosophical methods of evaluating arguments, with special emphasis on natural deduction. Possible coverage of additional topics in philosophy of logic and/or philosophy of language. Prerequisite: PHI 2013 or permission of instructor.

PHI 4013. Philosophy of Religion - 3 hours (Spring, even years)
Critical analysis of central problems and issues in philosophy of religion, including such topics as the attributes of God, arguments for and against God's existence, the relationship of faith and reason, divine foreknowledge and human freedom, the problem of religious diversity, and the possibility and nature of religious experience, miracles, and immortality. Prerequisite: PHI 2013.

PHI 4043. Ethics - 3 hours (On demand)
Critical analysis of prominent historical and contemporary views in ethics, with special attention given to Christian approaches. Exploration of various issues in metaethics (philosophical questions about ethics itself, including the grounding of moral obligation, moral motivation, and the challenge of ethical relativism), normative ethics (theories of right and wrong, such as utilitarianism, Kantianism, and virtue theory), and applied ethics (contemporary ethical issues, such as abortion, euthanasia, and capital punishment). Prerequisite: PHI 2013.

PHI 4153. Metaphysics - 3 hours (On demand)
Critical analysis of central problems and issues in metaphysics, including such topics as the fundamental constituent(s) of reality, the nature of existence and truth, the relationship of mind and body, free will, personal identity, the reality of the external world, and the nature of space and time. Prerequisite: PHI 2013.

PHI 4163. Epistemology - 3 hours (On demand)
Critical analysis of central problems and issues in epistemology, including such topics as the analysis of knowledge; theories of justification, truth, and perception; knowledge of the external world and the challenge of skepticism; the problem of induction; the possibility of religious knowledge; and the ethics of belief. Prerequisite: PHI 2013.

PHI 4213. Kierkegaard – 3 hours (On demand)
This course introduces students to the thought and writings of Søren Kierkegaard, one of the most important and influential Christian thinkers of the nineteenth century. The course is designed to help students grasp the major themes of the Kierkegaardian corpus, with an eye towards personal appropriation of the critiques Kierkegaard levels at his Christian readers. Special emphasis is placed on those works with clear application to contemporary Christian thought. Prerequisite: PHI 2013

PHI 4223. God and Freedom – 3 hours (On demand)
This course discusses several problems that arise from the way that God's existence and nature bear on the topic of freedom. The first part of the course addresses the alleged threat to human freedom posed by divine foreknowledge and divine sovereignty. The second part of the course develops the problem of divine freedom. The issue here is whether God's essential nature restricts the range of actions that are possible for God to perform, and if so, whether God thereby fails to be morally responsible or praiseworthy for His actions. Prerequisite: PHI 2013

PHI 4233. Atheism – 3 hours (On demand)
This course introduces students to several facets of the contemporary discussion of atheism. The issue is addressed from multiple perspectives, including (i) "popular" atheism (arguments for atheism pitched at the level of the educated layperson), (ii) philosophical atheology (sophisticated arguments that marshal the full resources of philosophical analysis to try to prove atheism or refute theism), and (iii) theistic responses to atheism (how theists should respond to atheist arguments and whether / why it is important for believers to listen to their atheist critics). Prerequisite: PHI 2013

PHI 4243. The Problem of Evil – 3 hours (On demand)
The problem of evil comes in a variety of forms. Some philosophers claim that God and evil are logically incompatible; others allege that belief in God is unwarranted on the grounds that the particular types and quantity of evil in the world make it unlikely that God exists. Horrendous evils—roughly, evils that seem to make the lives of those who experience them not worth living—raise a unique and seemingly even more intractable difficulty for the classical theist. This course develops each of these versions of the problem of evil and discusses various possible lines of response. Prerequisite: PHI 2013

PHI 4253. The Problem of Hell – 3 hours (On demand)
If God is perfectly loving and just, how could any person be consigned to hell for all eternity? This course explains why the problem of hell is arguably the most difficult version of the problem of evil for Christians. Numerous facets of the problem are explored, along with various possible ways of responding to the problem. The traditional view of hell (in both its literal and metaphorical forms), annihilationism, universalism, and the choice modal of hell are each considered, developed, and critiqued. Prerequisite: PHI 2013

PHI 495(1-4). Intensive Studies in Philosophy - 1-4 hours (On demand)
Intensive study of selected philosophical issues, problems, historical periods, and/or major figures. Since topics will vary, course may be taken repeatedly for credit. Prerequisite: PHI 2013.

PHI 499(1-3). Independent Studies - 1-3 hours (On demand)
Independent study of some problem, topic, or historical figure(s) in philosophy not covered in the organized courses. Prerequisites: Philosophy minor, 3.00 GPA in major, 9 hours of philosophy and 60 hours total completed, permission of instructor.

PHYSICAL SCIENCE

PHS 1004. Introduction to Physical Science - 4 hours (Winterfest, Spring)
An integrated study of selected basic principles and concepts of chemistry and physics, including topics of current interest. Designed for the general student. Three lectures each week and one laboratory period per week. Lab fee $48. Prerequisite: MAT 1143 or satisfactory scores on the prealgebra and intermediate algebra portions of the enhanced ACT examination.

PHS 1114. Introduction to Earth Science - 4 hours (Fall, Winterfest)
Basic principles of the earth in space, its atmosphere, the oceans and the development of land forms by geologic agents. Designed for the general student. Three lectures, one laboratory period per week. Lab fee $48.

PHS 2005. Physical Science for Elementary and Middle School Teachers - 5 hours (Spring)
A study of the basics of astronomy, chemistry, geology, meteorology, and physics. Designed to emphasize discovery-based learning and inquiry-related instructional techniques by significantly utilizing enhanced classroom technology, hands-on laboratory experimentation, library research, and writing components. Four lectures, one laboratory period each week. Lab fee $60. Prerequisites: ENG 1113 and MAT 1143. Note: Open only to elementary and middle school education majors.

PHS 2214. Meteorology - 4 hours (On demand)
A study of the earth's atmosphere and forces that influence weather phenomena including environmental trends. Three lectures, one laboratory period per week. Lab fee $48. Prerequisites: MAT 1143 or satisfactory scores on the prealgebra and the intermediate algebra portions of the enhanced ACT examination.

PHS 2314. Astronomy - 4 hours (Fall)
A study of the historical and descriptive aspects of the solar system, stars, galaxies and current topics related to space science. Three lectures, one laboratory period per week. Lab fee $48. Prerequisites: MAT 1143 or satisfactory scores on the prealgebra and the intermediate algebra portions of the enhanced ACT examination.

PHS 295(1-5). Intensive Studies in the Physical Sciences - 1-5 hours (On demand)
Topics of special interest not available to the student in the traditional course offerings. May be repeated as topics change. Lab fee $12-$60 as necessary. Prerequisites: Determined by nature of topic studied.

PHS 3303. History and Philosophy of Science and Technology - 3 hours (Fall, even years)
A study of the historical and philosophical foundations of science and technology, accompanied by an examination of the logical and ethical ramifications of various past and present science and technology phenomena. Prerequisites: The general education life science requirement, the general education physical science requirement, and ENG 2213.

PHYSICAL THERAPY

PTH 2523 Introduction to Physical Therapy - 45 clock hrs (Spring, even years)
Introduces students to the multifaceted role of the physical therapy profession. Topics include the diversity and growth of healthcare and physical therapy, methodologies used in physical therapy education, and the concept of the health care team. Introduction to medical terminology will also be made, teaching the student to form medical terms, and define medical terms used in medical documents to be able to read and write these documents. Prerequisite: none.

PHYSICS

PHY 1115. General Physics I - 5 hours (Fall)
A non-calculus physics course emphasizing the fundamental concepts of mechanics, heat and wave motion. Designed for pre-physical therapy, science education, biology, pre-medical, pre-veterinary, pre-optometry and pre-pharmacy majors. Four lectures, one laboratory period each week. Lab fee $80. Prerequisites: MAT 1143 or satisfactory scores on the prealgebra and intermediate algebra portions of the enhanced ACT examination.

PHY 1125. General Physics II - 5 hours (Spring)
A continuation of PHY 1115, emphasizing the fundamental concepts of electricity, magnetism, and optics; introduction to atomic physics. Four lectures, one laboratory period each week. Lab fee $80. Prerequisite: PHY 1115.

PHY 2215. University Physics I - 5 hours (Fall)
A rigorous calculus-based physics course emphasizing mechanics, heat and wave motion. Designed for pre-engineers, computer science and physical science majors. Four lectures, one laboratory period each week. Lab fee $80. Prerequisite: MAT 2255 or concurrent enrollment. NOTE: A student cannot receive credit for both PHY 1115 and 2215.

PHY 2225. University Physics II - 5 hours (Spring)
A continuation of PHY 2215, emphasizing electricity, magnetism and optics; introduction to atomic physics. Four lectures, one laboratory period each week. Lab fee $80. Prerequisites: PHY 2215 and MAT 2263 or concurrent enrollment. NOTE: A student cannot receive credit for both PHY 1125 and 2225.

PHY 295(1-3). Special Topics in Physics - 1-3 hours (On demand)
A study of topics from one or more of the fields of physics chosen to meet student needs and interests. Lab fee $14-$42 as necessary. Prerequisite: PHY 1124 or PHY 2225.

PHY 3233. Mechanics - 3 hours (Spring)
Application of the principles of vector mechanics to problems of equilibrium. Topics include resultants, equilibrium, trusses, centroids and moments of inertia. Designed for pre-engineers and physics minors. Three lectures each week. Prerequisites: PHY 2215 and MAT 2255.

PHY 3363. Modern Physics - 3 hours (On demand)
A study of the atomic view of matter and radiation, relativity and wave-particle duality; basic concepts of quantum physics. Three lectures each week. Prerequisites: PHY 2225 or PHY 1124 and MAT 1195.

PHY/CIS 3413. Machine Organization - 3 hours (Fall)
A survey of the electronic and mechanical components of a computer, including processing units, memory and I/O devices. Also includes an introduction to assembly language programming. Lab fee $12. Prerequisites: CIS 1154 and MAT 1173.

PHY 395(1-4). Special Topics in Physics - 1-4 hours (On demand)
A study of topics from one or more fields chosen to meet special student needs and interests. Topics could include dynamics, advanced mechanics, optics, thermodynamics, electromagnetic field theory, electronics and nuclear physics. Laboratory may be included. Lecture and laboratory periods variable. Lab fee $12-$48 if necessary. Prerequisites: Determined by nature and level of topics studied.

PHY 4413. Advanced Electricity and Magnetism - 3 hours (On demand)
A course emphasizing vector calculus techniques in the study of electrostatics, electric fields, magnetostatics, magnetic fields and electrodynamics. Three lectures per week. Prerequisites: PHY 2225 and MAT 3363.

POLITICAL SCIENCE

POL/HON 1013. Honors American Government and Politics - 3 hours (Fall, odd years)
This course surveys the origin, organization, and policy of United States government at the national, state, and local levels and encourages citizen participation and leadership in democratic processes beginning at the community level. Fulfills the Missouri statutory requirement. Prerequisite: A minimum composite ACT of 28 or SAT equivalent.

POL 1111. Missouri Constitution - 1 hour (OLIS course only)
Organization and policy of Missouri State government as established by the Missouri State Constitution. Course promotes familiarity and understanding of Missouri government and its influence on the citizens of the state. This course is designed to meet the state statute requirement for the Missouri Constitution for students transferring with a course equivalent to POL 1113 from an institution outside of the state of Missouri. Course fee $50 in lieu of OLIS course tuition and fees.

POL 1113. American Government and Politics - 3 hours (Fall, Spring)
Origin, organization and policy of United States government at the national, state and local levels. Encourages citizen participation and leadership in democratic processes beginning at the community level. Fulfills the Missouri statutory requirement.

POL 210(1-2). Prelaw Seminar - 1-2 hours (Spring)
A career oriented course which identifies the major fields of law; also includes a study of the requirements for admission to law school with emphasis on the types of Law School Admission Test questions.

POL 2223. American State and Local Government - 3 hours (Spring)
Organization, administration and problems of state, county, municipal and other local governments in the United States. Prerequisite: POL/HON 1013 or POL 1113.

POL 295(2-3). Special Topics in Political Science - 2-3 hours
Prerequisite: POL/HON 1013 or POL 1113.

POL 3313. International Relations - 3 hours (Spring, odd years)
An in-depth study of relations among the nations of the world and the problems which arise with their constantly increasing interactions. Prerequisite: POL/HON 1013 or POL 1113.

POL 3323. Comparative Government - 3 hours (Fall, odd years)
A comparison of different kinds of political systems in the various regions of the world. The U.S. style of democracy will be compared with parliamentary systems, middle eastern and African authoritarianism, socialist systems, Asian democracies and Latin American corporatism. Prerequisite: POL/HON 1013 or POL 1113.

POL 4003. Public Administration – 3 hours (Fall, even years)
Focuses on examination of the core activities of government that are performed for the most part by highly trained experts and specialized organizations. Emphasis is placed on the development and implementation of public policy. Prerequisite: POL/HON 1013 or POL 1113.

POL/HIS 4013. African History and Politics – 3 hours (Spring, odd years)
Explores the political and economic changes in African states and the issues of development since independence. Included in the study are the historical origins of the African state, the contemporary context of globalization, and the position of Africa in the world economic system. Prerequisite: POL/HON 1013 or POL 1113.

POL 4453. Congress and the Legislative Process - 3 hours (Spring, even years)
Major topics include: origin and powers of the United States Congress; relation of Congress to the other branches of government and to the public; leadership, partisanship, the committee system and policy making; comparison with the state legislatures. Prerequisite: POL/HON 1013 or POL 1113 or consent of instructor.

POL 4563. The Supreme Court and Constitutional Development - 3 hours (Fall, odd years)
Focuses on landmark Supreme Court decisions and judicial interpretations of the U.S. Constitution from the 1790's until the present; topics addressed include origins of the Constitution, powers of the three branches, separation of

powers, regulation of commerce and individual rights based on the Bill of Rights. Prerequisite: POL/HON 1013 or POL 1113 or consent of the instructor.

POL 4673. The American Presidency - 3 hours (Fall, even years)
Explains the role of the President in the American Federal System. Focuses on relations with the public and the press, the Congress and the Courts, the bureaucracy and public policy. Prerequisite: POL/HON 1013 or POL 1113.

POL 4883. Political Philosophy - 3 hours (Spring, even years)
A study of the political themes in the classical philosophies from Platonism to Marxism in comparison with biblical teachings on the same themes. Major topics addressed include: the nature of man, the ideal form of governments, the citizen's responsibility to the government, the government's responsibility to the citizen, the definition of liberty and the nature of human rights. Prerequisites: POL/HON 1013 or POL 1113 and 60 or more hours of credit.

POL 495(1-4). Intensive Studies in Political Science - 1-4 hours (Fall, Spring)
A seminar investigating a selected topic or theme in the light of previous and current interpretations. Areas of study will vary with each offering; therefore, the student may elect to repeat the course when different content is offered. Prerequisite: Six hours of political science and/or consent of instructor.

POL 498(1-8). Internship - 1-8 hours (On demand)
Credit for participation in approved off-campus internship, training, or in-service training experience in government related activity. Prerequisite: 12 hours of political science, 60 or more hours of credit, minimum GPA of 2.25, and approval of the department.

POL 499(1-3). Independent Studies - 1-3 hours (Fall, Spring)
Advanced studies of specific topics. Prerequisites: 15 hours of political science and 60 or more hours of credit.

PSYCHOLOGY

PSY 1013. General Psychology - 3 hours (Fall, Spring)
A "life-oriented" course including physiological backgrounds of behavior, development, motivation, emotion, intelligence, personality, adjustment and social psychology. May be counted towards General Education credit.

PSY/SOC 2001. Sophomore Seminar - 1 hour (Fall, Spring)
This is a topical course emphasizing the content of the majors in behavioral sciences and the APA (American Psychological Association) style of writing.

PSY 2023. Psychology of Adjustment - 3 hours (Fall, Spring)
A psychology of adjustment course focusing on areas affecting mental health (i.e., stress, personality, relationships). Emphasis on class involvement and personal application. Prerequisite: 32 hours completed.

PSY 2033. Social Engineering - 3 hours (Spring Odd Years)
Human behavior relating to cyber systems and operations, such as social engineering, social networks, user experience, and organizational behavior. Lab fee $12. Prerequisites: CIS 1163 and either PSY 1013 or SOC 1003.

PSY 2063. Systems of Psychology - 3 hours (Fall, Spring)
Major concepts of various systems of psychological thought in current and historical perspective. Prerequisite: PSY 1013.

PSY/SOC/SWK 2233. Introduction to Research - 3 hours (Fall, Spring)
This course will provide students with an overview of the various research methods in the behavioral sciences. Specific attention will be given to the different methods of assessment, evaluation, and research inquiry found in the fields of psychology, sociology, and social work. Prerequisites: PSY 1013, SOC 1003 or SWK 2003.

PSY 295(1-3). Special Topics - 1-3 hours (On demand)
Study of critical issues and topics in psychology not covered in other course offerings. Areas of study will vary from year to year. Students may repeat this course once.

PSY/SOC 3001. Junior Seminar - 1 hour (Fall, Spring)
This is a topical course emphasizing the career opportunities for behavioral science majors and graduate school preparation. Prerequisite: 64 hours completed.

PSY 3003. Human Sexuality - 3 hours (Fall, on demand)
A course designed to provide the student with frank, factual information about the many aspects of sex; to help enable the student to see sex as a natural, integral, God-ordained component of marriage; and to dispel common myths and misconceptions about sex. Prerequisite: 64 hours completed.

PSY 3013. Relationships - 3 hours (On demand)
A personal application course designed to introduce healthy relational principles through self-exploration of interpersonal needs, dynamics, and relating skills.

PSY 3033. Abnormal Psychology - 3 hours (Fall, Spring)
Major psychoses, psychoneuroses, sexual adjustment and an analysis of childhood background which leads to mental breakdowns, phobias, compulsions and hysteria. Prerequisite: PSY 1013.

PSY 3053. Child Development through Adolescence - 3 hours (Fall)
A study of the operation of normal psychological and developmental processes in the lives of children from birth through adolescence. Prerequisite: PSY 1013 or EDU 2113.

PSY 3063. Human Growth and Development - 3 hours (Fall, Spring)
A "Life-Span" study of human growth and developmental processes including physiological, psychological and sociological influences and effects. Students receiving credit for this course cannot receive credit for both PSY 3053 and PSY 4033 in the psychology major. Prerequisites: PSY 1013 or EDU 2113.

PSY/SOC 3073. Social Psychology - 3 hours (Fall, Spring)
Survey of social psychology theories, research methods, and practical applications focusing on how people influence one another and are influenced by others. Includes topics such as attitudes and persuasion, friendships and romantic relationships, the self and social cognition, helping behavior, and group processes. Prerequisites: PSY 1013 or SOC 1003.

PSY/SOC 3083. Neurodevelopmental Disorders: Psychological and Sociological Implications - 3 hours (Spring)
Definition, diagnosis, classification, perceptual and conceptual evaluation. Multi-disciplinary approach to cognitive impairments. Three hours credit in either psychology or sociology (not both). Two lectures, one laboratory each week. Prerequisites: PSY 1013 or SOC 1003.

PSY 3093. Psychology of Learning - 3 hours (Spring, even years)
Survey of the field of learning in terms of historical backgrounds, acquisition, retention, forgetting, transfer and motivation. A brief introduction to the various theories and systems of learning is included. Prerequisites: 2063.

PSY 310(1-3). Contemporary Issues in Psychology - 1-3 hours (Winterfest, Spring, Summer)
In depth course focusing on a series of contemporary issues in psychology. Students will practice critical thinking, reading, and writing skills on topics specific to psychology. Prerequisites: PSY 1013 or SOC 1003 and 64 hours completed.

PSY/SOC 3243. Elementary Statistics - 3 hours (Fall, Spring)
Measurement, averages, variability percentile rank, normal curve, correlation, chi-square and probability related to the behavior sciences. Prerequisites: PSY 1013 or SOC 1003 or EDU 2113 and MAT 1143 or higher (or ACT math sub scores of 13-18 on the Pre-Algebra/Elementary Algebra/Coordinate Geometry).

PSY 3313. Introduction to Counseling - 3 hours (Spring, on demand)
An introduction to counseling theory, methods and techniques, including a study of client-counselor encounters, stages of counseling and the counseling interview. Prerequisites: PSY 2063 and 64 hours completed.

PSY 3393. Introduction to Sports Psychology - 3 hours (Spring)
An introduction to the field of sports psychology and performance enhancement. This course will cover sport and exercise psychology as well as techniques used in the field. This course will prepare the student for any graduate program that is in the area of sports psychology. Prerequisites: PSY 1013.

PSY/SOC 4001. Senior Seminar - 1 hour (Fall, Spring)
This a topical course for behavioral sciences majors, which emphasizes professional development and ethics of the profession and also serves as a cap-stone course for the purposes of integration and assessment. Prerequisite: 64 hours completed.

PSY 4023. The Psychology of Personality - 3 hours (Spring)
Factors and conditions relating to personality structure and dynamics, defense mechanisms and a critical examination of the theories of personality. Prerequisites: 2063.

PSY 4033. Adolescent Development - 3 hours (Spring)
A study of the development processes of the adolescent, beginning at puberty and continuing through late adolescence. Prerequisite: PSY 1013 or EDU 2113.

PSY/SOC 4053. Dealing with Death and Dying - 3 hours (Fall, Spring)
An examination of how society and its institutions, the individual and survivors view and are affected by the process of dying and death. Guidelines are provided to enable the students to aid others and themselves in dealing with death and dying. Prerequisite: PSY 1013 or SOC 1003.

PSY 4083. Psychology of Religion - 3 hours (Summer)
This course will include an examination of theory and research pertaining to psychological perspectives on religious belief, behavior, development, and outcomes from a Christian perspective. Also to include an examination of the relationship between psychology and Christian faith. .

PSY 4093. Behavior Modification - 3 hours (Fall, odd years)
A course oriented to the rationale and theoretical basis of behavior modification and its clinical use in a clinical therapy setting. Specific principles and techniques will be discussed. Prerequisites: PSY 2063.

PSY 4223. Psychological Testing - 3 hours (Spring)
Survey of the field of psychological testing with emphasis on types of tests, validity and reliability. Prerequisites: PSY 2063 and 3243.

PSY/SOC 4233. Research Design and Methods - 3 hours (Fall)
Intensive analysis of experimental designs and methods of research including measurement issues, ethical considerations, sampling techniques, data-gathering techniques, data analysis and interpretation, presentations and reporting of results. Lab fee $12. Prerequisites: PSY or SOC 3243.

PSY 4243. Pre-marital Counseling - 3 hours (J-terms)
An applied course designed to give the student a working knowledge of premarital counseling. Focus will be given to assessment tools, biblical foundation of marriage and the premarital counseling process. Prerequisite: 64 hours completed.

PSY 4263. Physiological Psychology - 3 hours (Fall, even years)
An introduction to the biological/physiological basis for human behavior. The structure and the function of the nervous system, neuropsychological methods, sensation, emotional responses, learning, memory and psychopathology will be covered. Prerequisites: PSY 2063 and BIO 1004 or BIO 1114.

PSY 4273. Small Group - 3 hours (J-terms)
An innovative course that is conducted as an "experiential interaction laboratory" providing students the opportunity to increase their understanding and skills in the areas of personal, interpersonal and small group communication. Prerequisites: 64 hours completed. Graded Pass/Fail

PSY 4313. Counseling Methods and Practice - 3 hours (Fall, Spring)
An experientially oriented study of the counseling process with special emphasis on methodology and practice in the art of listening and the exercise of appropriate judgment. Prerequisite: Minimum of a C in PSY 3313.

PSY/SOC 4333. Child Abuse and Neglect - 3 hours (Fall, on demand)
A study of child abuse and neglect with consideration given to causes, symptoms, treatment and prevention. A special section is included dealing with the treatment of adult survivors of child abuse. Prerequisite: SOC 1003 or PSY 1013.

PSY/SOC 4353. Agape Love and Altruism: Perspective of Science and Faith - 3 hours (On demand)
An interdisciplinary approach to the examination of agape and altruistic love. Perspectives from the social and behavioral sciences, natural sciences, philosophy, and religion will be brought to the discussion of agape love, unconditional love, altruism, prosocial behavior, emergency helping and benevolence. Prerequisites: SOC 1003 or PSY 1013 and 64 hours completed.

PSY 4363. Marriage and Family Counseling - 3 hours (Fall)
Theories and practices of marriage and family practice, with emphasis on the family as a system. Include intergenerational and development issues and characteristics of a successfully functioning family. Prerequisite: 64 hours completed.

PSY/SOC 4373. Being Human and Addicted (Addictionology) - 3 hours (Fall)
A study of the effects of drugs on the human being, issues of physiology, psychology, sociology and religion will be addressed as they relate to chemical dependency. An overview of treatment methods and therapy will be included. Prerequisite: 64 hours completed.

PSY 4883. Advanced Counseling Methods and Practice - 3 hours (On demand)
A course designed to give the advanced counseling minor practice in role-play counseling situations involving the initial interview, analysis of data, written summaries, diagnosis and critique of same. This class will involve videotaping of the role-play sessions. Prerequisite: Minimum of a C in PSY 4313.

PSY 495(1-4). Intensive Studies - 1-4 hours (On demand)
A study of critical issues in psychology that are not covered in other course offerings. Areas of study will vary from year to year. Students may elect to repeat the course. Prerequisite: 64 hours completed.

PSY 498(3-6) Internship - 3-6 hours (On demand)
The internship experience is designed to give the upper level psychology major supervised field experience in a social services or related area. Prerequisites:64 hours completed, at least 15 hours of the major and minimum GPA of 3.00. Graded Pass/Fail.

PSY 499(1-3). Independent Studies - 1-3 hours (On demand)
Advanced studies of specific topics arranged by department chair.

RADIOGRAPHY

RAD 1103. Introduction to Radiologic Technology – 3 hours (Fall 8 weeks)
An overview of the radiology profession and health care environment, radiography program policies, basic radiation protection, introduction to imaging, medical ethics and law, and methods of patient care. Attendance of hospital orientation and basic life support (BLS) certification are required. Prerequisites: Admission to the Program

RAD 1201. Contrast Agents – 1 hour (Fall 8 weeks)
Course involves study of contrast agents and pharmacology, including types, uses, patient reactions, and emergency treatment for reactions. The basic techniques of venipuncture are included. Prerequisites: CHE 1104, CHE 1115, or PHY 1114, RAD 1503

RAD 1304. Radiographic Procedures I – 4 hours (Fall)
Fundamentals of radiographic procedures, positioning techniques and terminology. This course includes routine positions and an introduction to image analysis. Radiographic anatomy, radiation protection and patient care skills are reinforced. Lab will include demonstrations, practice and evaluations. Prerequisites: BIO 2204, BIO 3304, Admission to the program.

RAD 1503. Radiologic Science – 3 hours (Fall)
A study of the fundamentals of atomic theory, basic electricity and x-ray circuitry, structure and function of x-ray tubes, the production and emission of x-radiation. Prerequisites: MAT 1143 and Admission to the program.

RAD 1604. Radiographic Procedures II – 4 hours (Spring)
Advanced radiographic procedures and positioning techniques. This course includes positioning modifications based on patient's condition and age. Radiographic anatomy, radiation protection and patient care skills are reinforced. Lab will include demonstration, practice, evaluations and image analysis. Prerequisites: RAD 1304, HSC 1013.

RAD 1613. Radiographic Procedures III – 3 hours (Fall)
A comprehensive study of examinations with emphasis on studies utilizing contrast media. Includes image analysis. Radiographic anatomy, radiation protection and patient care skills are reinforced. Prerequisites: RAD 1604.

RAD 1803. Radiographic Imaging I – 3 hours (Spring)
A study of radiographic image qualities and the factors that produce the image. Methods of improving image quality and image analysis are included. Prerequisites: RAD 1103, RAD 1503.

RAD 1812. Radiographic Imaging II – 2 hours (Fall)
A study of digital imaging radiography systems including an overview of digital imaging, computed radiography, digital radiography, digital fluoroscopy, networking, and PACS systems. Includes image analysis. Also includes conventional fluoroscopy and Introduction to Quality Management. Prerequisites: CIS 1103, RAD 1503, 1803.

RAD 1902. Radiation Protection & Biology - 2 hours (Fall)
An in depth study of radiation biology and radiation protection principles to include radiation quantities and units, interactions of radiation with matter, molecular and cellular radiation biology, stochastic and deterministic effects, radiation protection principles for the patient and occupational worker, radiation detection and protection from radioisotope sources, radiation exposure limits and regulations. Prerequisites: CHE 1104, CHE 1115, or PHY 1114, RAD 1503, RAD 1803.

RAD 1912. Advanced Imaging Procedures - 2 hours (Spring 8 Weeks)
A study of advanced radiologic imaging modalities including Computed Tomography, Magnetic Resonance Imaging, and Ultrasonography. Students will prepare for employment through development of interview skills and creation of resumes. Prerequisites: CIS 1103, RAD 1613

RAD 1923. Radiologic Pathology and Cross-Sectional Anatomy - 3 hours (Spring)
Introduction to pathology including etiology and process of human trauma and disease according to body systems. Emphasis on radiographic appearance of diseases and adjustments to radiographic technique for disease processes. Includes cross-sectional anatomy of the cranium, thorax, abdomen, and pelvis. Prerequisites: BIO 2204, BIO 3304, RAD 1503, RAD 1613.

RAD 1944. Curriculum Review – 4 hours (Spring 8 weeks)
A comprehensive review with an emphasis on test taking skills in preparation to sit for a credentialing examination. Prerequisites: RAD 1912, RAD 1922, RAD 1931

RAD 2002. Clinical Education I – 2 hours (Fall 8 weeks, 1st year)
Clinical experiences under the supervision of registered Radiologic Technologists. Students progress through a structured, sequential, competency-based clinical education system. Students will use critical thinking and problem solving skills in applying concepts learned from radiographic procedure courses in performing examinations. Students will employ patient care and communication skills. Prerequisite: RAD 1103. Course fee: $100.

RAD 2101. Clinical Education II – 1 hour (Winterfest, 1st year)
This is a continuation of Clinical Education I. Clinical experiences under the supervision of registered Radiologic Technologists. Students progress through a structured, sequential, competency-based clinical education system. Students will use critical thinking and problem solving skills in applying concepts learned from radiographic procedure courses in performing examinations. Students will employ patient care and communication skills. Prerequisite: RAD 2002.

RAD 2103. Clinical Education III – 3 hours (Spring, 1st year)
This is a continuation of Clinical Education II. Clinical experiences under the supervision of registered Radiologic Technologists. Students progress through a structured, sequential, competency-based clinical education system. Students will use critical thinking and problem solving skills in applying concepts learned from radiographic procedure courses in performing examinations. Students will emplor patient care and communication skills. Prerequisite: RAD 2101. Course fee: $100.

RAD 2203. Clinical Education IV – 3 hours (Summer 8 weeks, 2nd year)
This is a continuation of Clinical Education III. Clinical experiences under the supervision of registered Radiologic Technologists. Students progress through a structured, sequential, competency-based clinical education system. Students will use critical thinking and problem solving skills in applying concepts learned from radiographic procedure courses in performing examinations. Students will employ patient care and communication skills. Prerequisite: RAD 2103. Course fee: $100.

RAD 2213. Clinical Education V – 3 hours (Fall, 2nd year)
This is a continuation of Clinical Education IV. Clinical experiences under the supervision of registered Radiologic Technologists. Students progress through a structured, sequential, competency-based clinical education system. Students will use critical thinking and problem solving skills in applying concepts learned from radiographic procedure courses in performing examinations. Students will employ patient care and communication skills. Prerequisite: RAD 2203. Course fee: $100.

RAD 2223. Clinical Education – 3 hours (Spring, 2nd year)
This is a continuation of Clinical Education V. Clinical experiences under the supervision of registered Radiologic Technologists. Students progress through a structured, sequential, competency-based clinical education system. Students will use critical thinking and problem solving skills in applying concepts learned from radiographic procedure courses in performing examinations. Students will employ patient care and communication skills. Prerequisite: RAD 2213. Course fee: $100.

RELIGION

REL 295(1-3). Special Topics in Religion - 1-3 hours
Investigation of selected themes, topics or current issues in religion. Areas of study will vary from year to year (the course may be repeated).

REL 499(1-3). Independent Research - 1-3 hours

SCIENCE AND CHRISTIAN FAITH

SCF 3402. Biology Through the Eyes of Faith - 2 hours (Fall)
Study from the biblical perspective of the unique nature of biology and its interaction with Christian thought. Working from the authority of the Scriptures and the conviction that Christianity is true, this course examines the history of biology, emphasizing the interactions of the life sciences with society in medicine, genetics and the environment. Prerequisite: General education requirement in life science.

SCF 3412. Chemistry Through the Eyes of Faith - 2 hours (Spring, even years)
Study from the biblical perspective of the unique nature of chemistry and its interaction with Christian thought. Working from the authority of the Scriptures and the conviction that Christianity is true, this course examines the history of chemistry, emphasizing the interactions of chemistry with society in religion, medicine and the environment. Prerequisite: General education requirements in the physical sciences.

SCF 3422. Mathematics Through the Eyes of Faith - 2 hours (Fall, even years, Winterfest, even years)
Study from the biblical perspective of the unique nature of mathematics and its interaction with Christian thought. Working from the authority of the Scriptures and the conviction that Christianity is true, this course examines the history of mathematics, emphasizing the interactions of mathematics with society and Christian thought. Prerequisite: General education requirements in mathematics.

SCF 3432. Physics Through the Eyes of Faith - 2 hours (Spring, odd years)
Study from the biblical perspective of the unique nature of physics and its interaction with Christian thought. Working from the authority of the Scriptures and the conviction that Christianity is true, this course examines the history of physics, emphasizing the interactions of the physics and astronomy with society and religious thought. Prerequisite: General education requirements in physical science.

SOCIAL WORK

SWK 2003. Introduction to Social Work - 3 hours (Fall)
This course will provide students with a broad overview of the profession of social work. Specific attention will be given to social work's historical background, ethics and values, practice settings, and historical and current social welfare policies.

SWK/PSY/SOC 2233. Introduction to Research - 3 hours (Fall, Spring)
This course will provide students with an overview of the various research methods in the behavioral sciences. Specific attention will be given to the different methods of assessment, evaluation, and research inquiry found in the fields of psychology, sociology, and social work. Prerequisites: PSY 1013, SOC 1003 or SWK 2003.

SWK 296(1-3). Special Topics - 1-3 hours (On demand)
Study of critical issues and topics in social work not covered in other course offerings. Areas of study will vary from year to year. Students may repeat this course once.

SWK 3013. Integrating Faith & Social Work Practice - 3 hours (Fall)
This course explores the basic tenants of a Christian worldview and compares and contrasts them with the underlying values and theoretical basis of social work. Students will be encouraged to develop personal insight and understanding on how to integrate Christian principles and values into social work practice. Additionally, considerations for social work practice with other faiths likely to be encountered in practice settings will be explored. Prerequisite: Admission to the BSW program.

SWK 3043. Social Work with Diverse Populations - 3 hours (Spring)
This course prepares students to work with diverse groups in local and global settings. Identifying and developing skills for culturally competent social work generalist practice will be emphasized in this course. Prerequisite: Admission to the BSW program

SWK 3063. Human Behavior in the Social Environment I - 3 hours (Fall)
This course is the first of two Human Behavior and the Social Environment courses required for social work majors. The class focuses on the biological, psychological, and sociological development of individuals across the lifespan, emphasizing a systems perspective. Theoretical frameworks of understanding a person's behavior in their social environment will also be emphasized. Prerequisite: SWK 2003 and admission to the BSW program or a declared social welfare minor.

SWK 3073. Human Behavior in the Social Environment II - 3 hours (Spring)
This course is the second of two Human Behavior and the Social Environment courses required for social work majors. The course introduces students to knowledge, theories, and concepts about human behavior within the context of groups, organizations, and communities. Special emphasis will be placed on learning and understanding the functions and effects of racial, ethnic and cultural diversity as they relate to macro theories. Prerequisite: SWK 2003 and admission to the BSW program.

SWK 3113. Social Work Practice I: Helping Skills - 3 hours (Fall)
This course is the first in a series of four social work practice courses. It will introduce the student to fundamental knowledge and skills necessary for professional generalist social work practice. Prerequisite: SWK 2003 and admission to the BSW program or a declared social welfare minor.

SWK 3123. Social Work Practice II: Individuals - 3 hours (Spring)
This course is the second in a series of four social work practice courses. The purpose of this course is continued preparation for generalist social work practice with an emphasis and focus on micro level social work practice with individuals. Program fee $250. Prerequisite: SWK 3113 and admission to the BSW program.

SWK 3133. Social Work Practice III: Families and Groups - 3 hours (Spring)
This course is the third in a series of four social work practice courses. The purpose of this course is continued preparation for generalist social work practice with an emphasis and focus on practice with groups and families. Prerequisite: SWK 3133 and admission to the BSW program.

SWK 4013. Social Welfare Policy - 3 hours (Spring)
This course is designed to introduce students to social policy development and policy analysis. Discussion will include the social, political, and economic forces that shape policy. Attention will also be given to major social welfare

policies and programs in the United States. Prerequisite: SWK 2003 and admission to the BSW program or a declared social welfare minor.

SWK 4143. Social Work Practice IV: Communities & Organizations - 3 hours (Spring)
This course is the fourth in a series of four social work practice courses. The purpose of this course is continued preparation for generalist social work practice with an emphasis and focus on practice with communities and organizations. Prerequisite: SWK 3113 and admission to the BSW program.

SWK 4256. BSW Seminar and Practicum I - 6 hours (Fall)
This is the first of two seminar and practicum courses designed to assist students to discuss and evaluate their field work experiences. The course will facilitate and reinforce the application of social work values, ethics, knowledge, and skills in field settings. Students will complete 200 hours in their field placement as part of this course. Prerequisite: Admission to the BSW program and completion of SWK 3113, SWK 3123 and SWK 3133 with a minimum of a "C" in each course.

SWK 4266. BSW Seminar and Practicum II - 6 hours (Spring)
This is the second of two seminar and practicum courses designed to assist students to discuss and evaluate their field work experiences. The course will facilitate and reinforce the application of social work values, ethics, knowledge, and skills in field settings. Students will complete 250 hours in their field placement as part of this course. Program fee $400. Prerequisite: Admission to the BSW program and completion of SWK 3113, SWK 3123, SWK 3133, and SWK 4143 with a minimum of a "C" in each course.

SOCIOLOGY

SOC 1003. Introductory Sociology - 3 hours (Fall, Spring)
Survey of major subject areas and principles of sociology. Topics of the nature and development of culture; social aspects of personality; population trends, social classes, institutions and social change.

SOC/PSY 2001. Sophomore Seminar - 1 hour (Fall, Spring)
This is a topical course emphasizing the content of the major and the APA (American Psychological Association) style of writing.

SOC 2003. Social Problems - 3 hours (Fall, Spring)
Study of current social problems of American and world societies. Focus is on the description, causation and solution of these problems. Prerequisite: SOC 1003.

SOC 2012. Human Diversity - 2 hours (Fall, Spring)
This course is designed to expose students to the wide range of diverse human perspectives found in our society. Content will focus on cultural influences, global connectedness, and understanding the universality and diversity that characterize humans. Prerequisites: SOC 1003 or PSY 1013.

SOC/PSY/SWK 2233. Introduction to Research - 3 hours (Fall, Spring)
This course will provide students with an overview of the various research methods in the behavioral sciences. Specific attention will be given to the different methods of assessment, evaluation, and research inquiry found in the fields of psychology, sociology, and social work. Prerequisites: PSY 1013, SOC 1003 or SWK 2003.

SOC 295(1-3). Special Topics - 1-3 hours (On demand)
A study of critical issues and topics in sociology not covered in other course offerings. Areas of study will vary from year to year. Students may repeat this course once.

SOC 2982. Community Project - 2 hours (On demand)
An experiential course which allows the development of a quasi-volunteer/professional relationship of the student with a local agency, for the purposes of assisting that agency with a specific project related to the mission of that agency. The coordinator of sociology or the department chair will assist with arrangements. Prerequisite: Sociology majors only.

SOC/PSY 3001. Junior Seminar - 1 hour (Fall, Spring)
This is a topical course emphasizing the career opportunities for behavioral science majors and graduate school preparation. Prerequisite: 64 hours completed.

SOC 3003. The Family - 3 hours (Fall, Spring)
A study of family life, dating, marriage and the family life-course. Attention is given to present day problems and trends. Prerequisite: 32 hours completed.

SOC 3023. Sociology of Gender - 3 hours (Fall, odd years)
This course is an overview of sociological concepts and perspectives on gender. Prerequisite: 32 hours completed.

SOC 3033. Family Violence - 3 hours (Spring)
This course examines the issues of violence in the family and the various implications in both treatment and society's response. Applications of the law in the State of Missouri will also be addressed. Prerequisite: SOC 1003 or PSY 1013 or CRJ 2313 and 32 hours completed.

SOC 3063. Community Sociology - 3 hours (Fall, even years)
This course examines the development of the community and community-based problem solving. Included is a study of the changing rural, urban, and global structures, organizations, services, and demographics. Prerequisite: SOC 1003.

SOC/PSY 3073. Social Psychology - 3 hours (Fall, Spring)
A survey of social psychology theories, research methods, and practical applications focusing on how people influence one another and are influenced by others. Includes topics such as attitudes and persuasion, friendships and romantic relationships, the self and social cognition, helping behavior, and group processes. Prerequisites: PSY 1013 or SOC 1003.

SOC/PSY 3083. Neurodevelopmental Disorders: Psychological and Sociological Implications - 3 hours (Spring)
Definition, diagnosis, classification, perceptual and conceptual evaluation. Multi-disciplinary approach to cognitive impairments. Three hours of credit in either psychology or sociology (not both). Two lectures, one laboratory each week. Prerequisite: PSY 1013 or SOC 1003.

SOC/PSY 3243. Elementary Statistics - 3 hours (Fall, Spring)
Measurement, averages, variability, percentile rank, normal curve, correlation, chi-square and probability related to the behavior sciences. Prerequisites: PSY 1013 or SOC 1003 or EDU 2113 and MAT 1143 or higher (or ACT math sub scores of 13-18 on the Pre-Algebra/Elementary Algebra/Coordinate Geometry)..

SOC/PSY 4001. Senior Seminar - 1 hour (Fall, Spring)
This a topical course for behavioral sciences majors, which emphasizes professional development and ethics of the profession and also serves as a cap-stone course for the purposes of integration and assessment. Prerequisite: 64 hours completed.

SOC 4033. Criminology - 3 hours (Spring)
A study of sociological theories of crime and delinquency, of crime control including punishment and treatment, and of practices and organizations of police, courts, probation and parole departments and prisons. Prerequisite: SOC 1003 and 64 hours completed.

SOC 4043. Minorities in American Society - 3 hours (Fall)
Provides an overview of majority/minority relations within the United States, including an in-depth examination of current social problems facing America's racial and ethnic minorities. Prerequisite: SOC 1003.

SOC/PSY 4053. Dealing with Death and Dying - 3 hours (Fall, Spring)
An examination of how society and its institutions, the individual and survivors view and are affected by the process of dying and death. Guidelines are provided to enable the students to aid others and themselves in dealing with death and dying. Prerequisite: PSY 1013 or SOC 1003.

SOC 4063. Sociological Theory - 3 hours (Spring)
A seminar approach to the study of the history and development of social thought, including contributions of the basic ideas of the major theorists. Prerequisite: 12 hours of sociology.

SOC 4073. Sociology of Religion – 3 hours (Spring, odd years)
A study of the social and cultural influences on religion in the American and global society. Prerequisite: SOC 1003.

SOC 4083. Gerontology - 3 hours (Fall)
This course is designed to acquaint the student with the theories of aging, the way the aging individual relates to the social systems, adjustment patterns of the aging and societal issues confronting older Americans. Prerequisite: PSY 1013 or SOC 1003.

SOC/PSY 4233. Research Design and Methods - 3 hours (Fall)
Intensive analysis of experimental designs and methods of research including measurement issues, ethical considerations, sampling techniques, data-gathering techniques, data analysis and interpretation, presentations and reporting of results. Lab fee $12. Prerequisites: PSY or SOC 3243.

SOC/PSY 4333. Child Abuse and Neglect - 3 hours (Fall, On demand)
A study of child abuse and neglect with consideration given to causes, symptoms, treatment and prevention. A special section is included dealing with the treatment of adult survivors of child abuse. Prerequisite: SOC 1003 or PSY 1013.

SOC/PSY 4353. Agape Love and Altruism: Perspective of Science and Faith - 3 hours (On demand)
An interdisciplinary approach to the examination of agape and altruistic love. Perspectives from the social and behavioral sciences, natural sciences, philosophy, and religion will be brought to the discussion of agape love,

unconditional love, altruism, prosocial behavior, emergency helping and benevolence. Prerequisites: SOC 1003 or PSY 1013 and 64 hours completed.

SOC/PSY 4373. Being Human and Addicted (Addictionology) - 3 hours (Fall)
A study of the effects of drugs on the human being, issues of physiology, psychology, sociology and religion will be addressed as they relate to chemical dependency. An overview of treatment methods and therapy will be included. Prerequisite: 64 hours completed.

SOC 495(1-4). Intensive Studies - 1-4 hours (On demand)
A study of critical issues in sociology that are not covered in other course offerings. Areas of study will vary from year to year. Students may elect to repeat this course. Prerequisite: 12 hours of sociology and 64 hours completed.

SOC 4963. Field Experience in Gerontology (On demand)
Involves field experience in an agency that focuses on senior adult related activities and/or service delivery. It is provided to integrate classroom knowledge with hands on activities. Settings are determined according to individual needs and circumstances. Prerequisite: Minimum of C in SOC 4983, 3.00 GPA and 64 hours completed. Note: All Gerontology minor course work must be completed prior to enrolling in this course.

SOC 498(3-6). Internship - 3-6 hours (On demand)
Internship is designed to provide the upper-level sociology major with supervised field experience in a social services or related area. Prerequisites: 64 hours completed, at least 15 hours of the major, minimum 3.00 GPA. Graded Pass/Fail.

SOC 499(1-3). Independent Studies - 1-3 hours (On demand)
Advanced studies of specific topics arranged by department chair.

SPANISH

SPA 1114. Elementary Spanish I - 4 hours (Fall)
Pronunciation, grammar, reading of simple prose, aural-oral practice.

SPA 1124. Elementary Spanish II - 4 hours (Spring)
Continuation of SPA 1114. Prerequisite: SPA 1114.

SPA 2213. Intermediate Spanish I - 3 hours (Fall)
Grammar review, simple composition and conversation, and the reading of short narratives. Prerequisite: SPA 1124 or satisfactory placement score.

SPA 2223. Intermediate Spanish II - 3 hours (Spring)
Continuation of SPA 2213 with emphasis on reading. Prerequisite: SPA 2213 or satisfactory placement score or two years of high school Spanish.

SPA 293(1-3). Special Reading in Spanish - 1-3 hours (On demand)
Readings on specific subjects. A theme will be chosen for study. (TBA with instructor). Prerequisite: SPA 2223.

SPA 295(1-4). Special Topics - 1-4 hours (On demand)

SPA 3313. Advanced Spanish Composition and Conversation - 3 hours (Fall, even years)
The writing of themes and practice in grammar, idioms and everyday conversation. Prerequisite: SPA 2223.

SPA 3323. Hispanic Culture and Civilization - 3 hours (Spring, odd years)
Spanish and Latin American civilization, customs and culture from its beginning to present times.

SPA 3333. Survey of Early Spanish Literature - 3 hours (Fall, odd years)
Spanish literature from the beginning to the eighteenth century. Prerequisite: SPA 3313 or 3323.

SPA 3343. Survey of Later Spanish Literature - 3 hours (Spring, even years)
Spanish literature from the eighteenth century to the present. Prerequisite: SPA 3313, 3323 or 3333.

SPA 495(1-4). Intensive Studies - 1-4 hours

SPA 497(1-3). Symposia - 1-3 hours

SPA 499(1-3). Independent Studies - 1-3 hours

Methods of Teaching Foreign Language
(See EDU 4563).

SPIRITUAL FORMATION

SPF 2012. Introduction to Spiritual Formation - 2 hours (Fall, Spring)
An exploration of what it means to be a Christ-follower: biblically, historically, and in the contemporary context.

SPF 295(1-3). Special Topics in Spiritual Formation - 1-3 hours (On demand)
A focus on special topics in the field of spiritual formation.

SPF 495(1-4). Intensive Studies in Spiritual Formation - 1-4 hours
A focus on a special area of interest in the field of spiritual formation or missions. Topics will vary from year to year. (May be taken more than once).

SPORT MANAGEMENT

SPM 1113. Introduction to Sport Management - 3 hours (Fall)
The course is designed to provide the student with the overview of a career in sport management including areas of professional endeavors which cover a wide variety of sport and fitness related occupations. The course will also provide an academic perspective of the professional preparation necessary to achieve employment in the profession.

SPM 3963. Sport Management Practicum - 3 hours (Fall, Winterfest, Spring, Summer)
Credit given for on-the-field experience gained in the practice of sport management specified related duties. Settings are determined according to individual circumstances. Prerequisite: 64 hours completed. (Restricted to Sport Management majors.)

SPM 498(3-6). Internship in Sport Management - 3-6 hours (Fall, Spring, Summer, Winterfest)
A fulltime residency for on-the-job training under the supervision of a sport management professional. Includes observation, supervision, planning, instruction, direct leadership and evaluation. Minimum requirement-240 hours. Prerequisites: A minimum grade of "C" in all sport management courses; a minimum overall GPA of 2.00 in all course work taken at SBU prior to application for internship and prior to internship itself; restricted to Sport Management majors of senior standing; advanced application no later than September or February of preceding semester. Course fee $100.

THEATRE

THR 1023. Acting I - 3 hours (Fall)
Fundamentals of acting techniques.

THR/FAR 1033. Introduction to Theatre - 3 hours (Fall)
A study of the history and literature of the theatre with introductory participation in the areas of acting and stagecraft. Emphasis on reading and attending plays. Lab fee $30.

THR 1053. Stagecraft - 3 hours (Fall)
Basic principles of scenic construction, scenic painting, and lighting and sound techniques.

THR 2013. Script Analysis - 3 hours (Fall, odd years)
An investigation of dramatic structure and analysis from the perspective of the director, the actor, and the designer. This course is also designed to introduce students to several major plays in the history of dramatic literature.

THR 2031. Makeup - 1 hour (Spring)
Laboratory exercises in the basic fundamentals of stage makeup. Lab fee: $75.

THR 2043. Introduction to Film - 3 hours (On demand)
An introduction to experiencing and understanding the cinematic arts. Upon successful completion, students will possess a conceptual framework and vocabulary that enhances their enjoyment of and ability to evaluate a film.

THR 3013. Stage Management - 3 hours (Spring, odd years)
A thorough analysis of the technical and organizational aspects of stage management. Emphasis on the stage manager's process, including an overview of general responsibilities and basic conflict resolution concepts.

THR 3023. Children's Theatre Workshop - 3 hours (On demand)
Participation in all aspects of children's drama. Emphasis on play selection, staging techniques and acting style.

THR 3033. Acting II - 3 hours (Spring, even years)
Advanced acting techniques. Emphasis on motivation, characterization and showmanship. Prerequisite: THR 1023.

THR 3053. Scene Design - 3 hours (Spring, even years)
Basic concepts of scene design for the stage. Exploration of scene design and the theatre, scene design as a visual art as well as technical production. Prerequisite: THR 1053 and THR 2013.

THR 3063. Costume Design - 3 hours (Spring, odd years)
A study of the costume design process: research, direction, and rendering of ideas. Emphasis on character analysis. This course also offers a basic exposure to costume construction techniques. Prerequisite: THR 2013. Lab fee: $35.

THR 4003. Lighting and Sound Design - 3 hours (Spring, odd years)
A study of the process of lighting and sound design. Emphasis on hands-on experience with lighting instruments, and lighting and sound systems. Prerequisite: THR 1053 and THR 2013.

THR 4013. Theatre Management - 3 hours (Spring, even years)
A study of the theory and practice of theatre management in areas of commercial, non-profit, college, and community theatre. Theory and practice of administration for non-profit and commercial theatres.

THR 4023. Directing of Plays - 3 hours (Fall, even years)
Principles of directing the various steps of a production, and practice in rehearsing and presenting plays. Prerequisite: THR 1023, THR 1033, THR 1053, and THR 2013.

THR 4033. American Theatre History - 3 hours (On demand)
A survey of the history of the American theatre, from the 18th century to the present.

THR 4043. Acting III – 3 hour (Spring, odd years)
Actors will learn to use their physical instrument through movement, vocal techniques, and non-realistic acting styles. Styles and techniques used in this class may include Grotowski, clowning, physical ensemble creation, mask work, Solo-Performance/Performance Ethnography, BodyWorks, Viewpoints, Alexander Technique, period movement styles, and others.

THR/WRT 4053. The Art and Craft of Playwriting - 3 hours (On demand)
A study and practicum of the art of playwriting. Emphasis on reading and writing plays.

THR 4203. The History and Literature of Theatre I - 3 hours (Fall, even years)
An overview of theatrical practices, innovations, and literature from 2000 BC through the 18th century. Emphasis will be placed on an examination of dramatic scripts, primary sources, and received historical narratives as a means for exploring the cultural significance of theatre and performance. Prerequisite: FAR/THR 1033.

THR 4213. The History and Literature of Theatre II - 3 hours (Spring, odd years)
An overview of theatrical practices, innovations, and literature from the 18th century through the present. Emphasis will be placed on an examination of dramatic scripts, primary sources, and received historical narratives as a means for exploring the cultural significance of theatre and performance. Prerequisite: FAR/THR 1033.

THR 4311. Senior Capstone - 1 hour (Fall)
Senior Capstone provides an intensive audition and/or portfolio development workshop for theatre majors. The course is meant to be taken during the Fall semester of the student's last year at SBU.

THR/ENG 4413. Shakespeare - 3 hours (Spring, odd years)
Tragedies, histories and comedies of Shakespeare. Prerequisite: Completion of the general education requirement in composition

THR 495(1-3). Intensive Studies - 1-3 hours (On demand)

THR 4963. Practicum - 3 hours (On demand)
A synthesis experience allowing the student the opportunity to direct or design and construct technical elements for a production of his or her choosing. Prerequisite: THR 1053 or THR 3033 and THR 4023.

THR 499(1-3). Independent Studies - 1-3 hours (Fall, Spring)
Advanced studies of specific topics arranged by department chair.

THEATRE - WORKSHOP COURSES
Only four (4) credit hours in any one workshop may be earned toward a major. Students enroll in workshops according to classification: (1) Freshman (2) Sophomore (3) Junior (4) Senior.

THR (1,2,3,4)001. Theatre Performance Workshop - 1 hour (Fall, Spring)
Open to all students by audition. Rehearsal and performance of a major drama production. Grade is based on attendance, professional attitude and conduct, and performance evaluation.

THR (1,2,3,4)011. Theatre Production Workshop - 1 hour (Fall, Spring)
Open to all students. Thirty (30) hours of work on backstage duties and/or technical crews for major drama production is required. Grade is based on successful completion of assigned work, professional attitude and conduct, and evaluation by instructor.

THR/MUS (1,2,3,4)041. Opera Theatre - 1 hour (Fall, Spring)
Open to all students by audition. Laboratory for study and performance of operatic solos and ensembles. One major production per semester. Two rehearsals per week.

THR (1,2,3,4)051. Touring Troupe - 1 hour (On demand)
Open to all students by audition. Rehearsal and performance of Christian plays, sketches and monologues. Two rehearsals per week and six off-campus performances required per semester.

Methods of Teaching Theatre in the Middle and Secondary Schools
(See EDU 4502).

Methods of Teaching Speech in the Middle and Secondary Schools
(See EDU 4552).

THEOLOGY

THE 3023. The Baptist Denomination - 3 hours (Fall, Spring)
Study of the history, beliefs and denominational programs of Baptists. Prerequisites: BIB 1013, 1023, SPF 2012.

THE 3113. Christian Doctrine - 3 hours (Fall)
Analysis and interpretation of the major doctrines of the Christian religion. Prerequisites: BIB 1013, 1023, SPF 2012.

THE 3463. History of Christianity I - 3 hours (Fall, even years)
Survey of early and medieval Christianity up to the eve of the Reformation. Prerequisites: BIB 1013, 1023, SPF 2012.

THE 3673. History of Christianity II - 3 hours (Spring, odd years)
Survey of the history of Christianity from the Reformation to the present. Prerequisites: BIB 1013, 1023, SPF 2012.

THE 4003. Theological Method – 3 hours
An introduction to issues in the method of a constructive Christian theology, including but not limited to issues in religious epistemology, religious language and theological hermeneutics.

THE 4033. God and Humanity – 3 hours
A survey of Christian understanding of God and humanity in their biblical, historical and contemporary expressions, including revelation, scripture, Trinity, creation, providence, humanity in God's image, human nature and sin. Prerequisite: THE 3113.

THE 4043. Christ and Salvation – 3 hours
A survey of Christian understandings of Christ and salvation in their biblical, historical and contemporary expressions, including the person of Christ, atonement, justification and other dimensions of salvation. Prerequisite: THE 3113.

THE 4053. Church and Last Things – 3 hours
A survey of Christian understandings of the church and last things in their biblical, historical and contemporary expressions, including the nature and mission of the church, the ordinances/sacraments, death, resurrection and eternal life. Prerequisites: THE 3113.

THE/BIB 4073. New Testament Theology – 3 hours
An introduction to the discipline of biblical theology as it is undertaken in relation to the New Testament. Included is a discussion of methods, attendant methodological and hermeneutical problems, and possible results in a survey of the theology of the New Testament. Can also be taken for biblical studies credit. Prerequisite: BIB 2093.

THE 495(1-4). Intensive Studies in Theology - 1-4 hours
A focus on a special topic, theme or issue in the area of theology. Topics will vary from year to year. (May be taken more than once). Prerequisites: 64 hours completed. (Depending on the topics, there may be a fee.)

UNIVERSITY STUDIES

UNI 1111. University Seminar - 1 hour (Fall, Spring)
This course is designed to acclimate students to college coursework by promoting processes that lead to success such as effective time management and research-based study strategies. Examining these processes provides an understanding of the individual student's strengths and weaknesses related to studying and learning. Additionally, the course acclimates students to SBU and SBU's mission while considering the relationship between an individual's values and goals and his or her academic performance and future direction. This course must be taken during the first semester a student attends SBU. Course fee: $4.

UNI 1121. Introduction to Critical Thinking - 1 hour (Fall, Spring)
This course is designed to promote awareness of a personal value system as well as to promote the use of critical thinking skills in the study of issues in today's society. This course must be taken during the first year a student attends SBU. Prerequisite: UNI 1111.

WRITING

WRT/ENG 3013. Writing Poetry - 3 hours (Spring, odd years)
A workshop in the writing of original poetry, based on a study of poetic characteristics and genres. Prerequisite: Completion of the general education requirement in composition.

WRT/ENG 3023. Writing Creative Nonfiction—3 hours (Fall, even years)
A workshop in creative nonfiction utilizing readings from varying genres and peer/instructor feedback. Prerequisite: Completion of the general education requirement in composition.

WRT/ENG 3033. Writing Creatively for Young Adults—3 hours (Spring, even years)
A workshop in learning to write creatively for young adults in a variety of genres. Prerequisite: Completion of the general education requirement in composition.

WRT/ENG 3353. Advanced Composition - 3 hours (Fall, Spring)
Advanced expository writing, based on a study of contemporary prose. Prerequisite: Completion of the general education requirement in composition.

WRT/ENG 4003. Technical Writing - 3 hours (Fall, even years)
The application of rhetorical principles to the writing of investigative and descriptive reports on scientific and technological subjects. Prerequisite: Completion of the general education requirement in composition.

WRT/ENG 4013. Writing Short Fiction - 3 hours (Fall, odd years)
A workshop in short fiction writing utilizing readings from varying fiction genres and peer/instructor feedback. Prerequisite: Completion of the general education requirement in composition.

WRT/THR 4053. The Art and Craft of Playwriting - 3 hours (On demand)
A study and practicum of the art of playwriting. Emphasis on reading and writing plays.

UNIVERSITY DIRECTORY

BOARD OF TRUSTEES

MR. DAVID BENNETT
Businessman, Joplin, MO

MR. JOE BRAND
Businessman, Salem, MO

MR. DAVID BROWN
Pastor, Lebanon, MO

MRS. SYNDEE CHASE
Businesswoman, Lebanon, MO

DR. TODD DECKER
Pastor, Neosho, MO

MR. JERRY DUDLEY
Assistant Pastor, St. Charles, MO

MR. JIM EVANS
Businessman, Blue Springs, MO

DR. DON FAHRNI
Businessman, Russellville, MO

MR. KEVIN FARR
Pastor, Steelville, MO

DR. PHIL FRANZ
Businessman, West Plains, MO

MRS. SUSAN GILMORE
Educator, Mt. Vernon, MO

DR. JANA HORNER
Radiologist, Bolivar, MO

DR. WAYNE HUTCHINS
Businessman, Springfield, MO

MR. BOB INGOLD
Attorney, Springfield, MO

MR. RANDY JOHNSON
Pastor, Iola, KS

DR. DON JUMP
Dentist, Bolivar, MO

MR. DURWIN KICKER
Pastor, Marshfield, MO

DR. CHARLES KIMBALL
Pastor, Wildwood, MO

MS. RONDA MILLER
Businesswoman, Camdenton, MO

MR. RICK MOORE
Educator, Kansas City, MO

MRS. DONNA NEIL
Businesswoman, Springfield, MO

MR. RYAN PALMER
Pastor, Springfield, MO

MR. MARK RAINS
Attorney, Blue Springs, MO

MS. REBECCA RANDLES
Attorney, Kansas City, MO

DR. BILLY RUSSELL
Pastor, Bolivar, MO

ADMINISTRATION

C. Pat Taylor, Ed.D.
President
Darren Crowder, M.A.
Dean of Enrollment Management
Robert Harris, Ed.D.
Vice President for Student Development
Brad Johnson, Ed.D.
Vice President for University Relations
Allison Langford, Ed.D.
Associate Provost for Teaching and Learning
Robert P. McGlasson, Ed.D.
Associate Provost and Vice President for Operations of the Mercy College of Nursing and Health Sciences
Tara Parson, B.S.
Vice President for Administration and Chief Financial Officer
Mike Pitts, M.B.A.
Director of Athletics
J. Lee Skinkle, Ph.D.
Provost

ACADEMIC DEANS

Troy Bethards, D.B.A.
Dean, Robert W. Plaster College of Business and Computer Science
Kezia Lilly, D.N.P.
Dean, Mercy College of Nursing and Health Sciences
Rodney Reeves, Ph.D.
Dean, The Courts Redford College of Theology and Ministry
Kevin J. Schriver, Psy.D.
Dean, College of Education and Social Sciences
Perry A. Tompkins, Ph.D.
Dean, College of Science and Mathematics
Edward W. Walton, Ed.D.
Dean, University Libraries
Jeffery Waters, D.M.A.
Dean, Geneva Casebolt College of Music, Arts and Letters

EXECUTIVE COORDINATORS

Ashley Dinwiddie, B.A.
For the Office of the President
Elaine Glor
For the Office of Administration
Linda Maberry, B.S.
For the Office of the Provost

ADMINISTRATIVE ASSISTANTS

Susan Applegate
To the Dean, Robert W. Plaster College of Business and Computer Science
Jason Brandt, M.B.A.
To the Director of Athletics
Amy Briggs, B.S.
To Information and Technology Services
Julia Campbell
To the Vice President for Student Development
Rose Christian
To the Department Chair of Physical Therapy
Angie Cochran, B.A.
To the Dean, The Courts Redford College of Theology and Ministry
Susan Cooper, B.M.E.
To the Chair of Graduate Studies in Education
Jeanie Davidson
To the Dean, Mercy College of Nursing and Health Sciences
Pam Ferguson, B.S.
To the Associate Provost for Teaching and Learning
Cindy Hall, B.A.
To the Dean, College of Education and Social Sciences
Myra Hargrave
To Branch Campuses
Gloria Henry
To the Dean, University Libraries
Brenda McGill
To the Dean, College of Science and Mathematics
Penny Shaw
To the Dean, Geneva Casebolt College of Music, Arts and Letters

ADMINISTRATIVE STAFF

Christopher Allison, B.A.
Director of Wellness Center
Allison Blamey, B.S.
Staff Accountant
James Bohner, B.A.
Undergraduate Admissions Counselor
David Bolton, B.S.
Chief Technology Officer
Austin Bortle, M.A.
Assistant Football Coach
Holly Bridge, B.A.
Director of Alumni Engagement
John Bryant, M.A.
Head Coach, Men's and Women's Tennis
Amy Bushey, B.A.
Accounting Supervisor

Kurt Caddy, M.Div.
Director of University Ministries
Angela Carr, M.S.A.
Instructional Technology Specialist
Robert Clardy, B.S.
Head Coach, Football
Zeke Clawson, B.S.
Associate Director of Safety and Security
Tim Cossins
User Support Administrator
John Credille, M.S.
Registrar
Kevin Cribbs, B.A.
Head Coach, Men's Golf
Stella Cunningham
Technical Services Technician
Theresa Daniels
Director of Donor Development
Ashley Dinwiddie, B.A.
Director of Major Events
Caira Dortch, M.P.C.
Head Volleyball Coach
Brittany Dukes, B.S.
Assistant Women's Basketball Coach
Melissa Durnell, B.S.
Financial Aid Coordinator/Loans
Brittany Earl, B.S.
Undergraduate Admissions Visit and Event Coordinator
Joey Elliott
Lead Help Desk Technician
Jim Flora, M.S., M.E.
Head Coach, Softball
Cari Ford, A.S.
Payroll Clerk
Shonna Fore, B.A.
Admissions Counselor – Springfield Campus
Levi Fox, M.S.
Student Retention Counselor
Diana Gallamore, B.S.
Director, Center for Global Connections
Brad K. Gamble, B.A.
Director of Financial Aid
Marketa Garrison
Logistics Coordinator, Center for Global Connections
Alyssa Glasgow, B.S.
Graphic Designer
Abby Glendenning
Secretary, Wellness Center
Robert D. Glidwell, B.S.
Director of Physical Plant
Karla Goughnour, B.S.
Financial Aid Coordinator/Verification
Jim Grabowski, M.B.A.
Development Officer
Mark Grabowski, M.A., M.S.
Director of Safety and Security
Nicholle Harmon, B.S.
Undergraduate Admissions Counselor
Rebecca Harrill
Secretary, Credit and Collections
Karen Henson, B.S.
Assistant Athletic Director for Compliance
Audra Hibbs, B.M.
Undergraduate Admissions Counselor for Transfer Recruitment
Everett Hornbostel, B.A.
Assistant Director of Safety and Security
Rebecca Hornbostel, B.A.
Assistant Manager of Credit and Collections
Kristina Hottes, M.B.A
Assistant Director of Development Services
Charlie Hungerford, M.A.
Associate Director of Admissions, Springfield Campus
Danella Jemes
Financial Aid Coordinator/Branch Campuses
Kelsey Keizer, B.S.
Head Women's Basketball Coach
Kevin Kelley, B.S.
Director of Computing and Network Services
Christopher Kimberling, B.A.
Undergraduate Admissions Counselor
Marcus Klund, B.A.
Assistant Football Coach
Kelly Layne
Admissions Visit Coordinator, Springfield Campus
Amber Lewright, B.S.
Human Resources Coordinator
Megan Link, B.S.
Head Women's Soccer Coach
Penny Marr, A.A.
Assistant Director of Stewardship Services
Charlotte Marsch, B.A.
Director of Marketing and Communications
David Marsch, M.S.
Assistant Director of Extended Learning, OLIS and OLDC
Casey Martin, M.B.A.
Director of Game Day Management and Facilities
Chris Martin, M.B.A.
Assistant Athletic Director for Operations/Head Coach, Baseball
Jenn Martin, M.S.
Undergraduate Admissions Operations Coordinator
Amberly Martino
Secretary, Health Center
Corey McElhaney, M.A.
Head Coach, Cross Country/Track
Scott W. McNeal, D.Ed.Min.
Director of Extended Learning

Benn Meador, B.S.
Help Desk Technician
Chris Mitchell, B.S.
Undergraduate Admissions Counselor
Brian Netherton, B.S.
Administrative Computing Programmer/Analyst
Landee Nevills, B.A.
Director of Residence Life
Marshall O'Brien, B.S.
Assistant Track and Field/Cross Country Coach
Carolyn O'Kelley, B.S.
Director of Human Resources
Savannah Palmer, B.S.
Undergraduate Admissions Counselor
Brandon Parker
Network Support Specialist
Nathan Penland, M.A.
Director of Student Activities
Nick Petit, M.A.
Head Men's Soccer Coach
Susan Plank, A.S.
Admissions Process Coordinator,
Springfield Campus
Beka Rasor, M.B.A.
Coordinator for the M.B.A. – Department Secretary
Roberta Rasor, M.S.
Assistant Registrar
Kelly Rehm, B.A.
Assistant Director, Center for Global Connections
Deanna Robertson
Department Secretary, University Ministries
Terri Rogers, M.B.A.
Controller
Jordan Sheat, M.S.
Transcript Coordinator
Joyce Schmelzle, R.N., B.S.N.
Director of Student Health Services
Clark Sheehy, M.E.
Head Men's Basketball Coach
Carol Shoemaker
Director of Bookstore Services
Liam Simmons, M.A.
Assistant Men's Basketball Coach
Ray Smith, M.A.
Assistant Football Coach
Haley Smothers, B.S.
Help Desk Technician - Springfield
Phil Staback, B.A.
Assistant Football Coach
Greg Stewart, M.S.
Manager of Credit and Collections
John Stillwagon, B.S.
Administrative Computing Support Specialist
Courtney Toler, B.S.
Associate Director of Undergraduate Admissions
Denise Tucker, B.S.
Transcript Coordinator
Rebecca VanStavern, B.S.
Director of Undergraduate Admissions
Anthony Vitale, B.S.
Assistant Football Coach
Peggy Walden, M.S.
Instructional Technology Support Specialist
Linda Walters, M.S.
Applicant Processing Coordinator
Chris Welch, Ed.S.
Associate Director of Admissions, Salem Campus
Janet Wells, B.S.
Head Coach, Women's Golf
Jeff Weseloh, M.B.A.
Director of Athletics Media Relations
Gina Whitehead, M.S.
Associate Director of Athletics, Senior Women's
Administrator
Erin Wolfe, B.A.
Training & Public Relations Coordinator,
Center for Global Connections
Sunshine Wolfe
Cashier
Rick Woolverton, M.O.L.
Assistant Director of Financial Aid
Rebekah Wright, B.S.
Assistant Director for Digital Marketing
Donna M. Young, B.S.
Patron Services Supervisor
Richard Young, B.A.
Undergraduate Admissions Counselor

FACULTY

(Date following title indicates year of appointment.)

Alexandra Archer
Instructor of Mathematics, 2016.
B.S., Union University;
M.A., University of Missouri-Columbia.

Michael D. Arnold
Professor of Graduate Education, 1998.
B.S., Central Missouri State University;
M.S., Central Missouri State University;
Ed.S., Central Missouri State University;
Ed.D., St. Louis University.

Kim Austin
Instructor, ASN Program, 2012.
A.P.N., Eastern Maine Community College;
B.S.N., M.S.N., University of Phoenix.

David C. Bailey
Chair, Bob R. Derryberry School of Communication Arts
Director of Forensics
Associate Professor of Communication Arts, 2010.
B.A., Southwest Baptist University;
M.A., Missouri State University;
Ph.D., Texas A&M University.

Sharla Bailey
Assistant Professor of Accounting, 1994.
B.S., Southwest Baptist University;
M.B.A., Oklahoma State University;
C.M.A., Institute of Management Accountants;
C.P.A., American Institute of Certified Public Accountants;
C.G.M.A., American Institute of Certified Public Accountants/Chartered Institute of Management Accountants;
C.G.F.M., Association of Government Accountants.

Cozi Bagley
Assistant Professor, 2014.
Diploma Nurse – Burge School of Nursing;
B.S.N., Southwest Baptist University;
M.S.N., Cox College;
D.N.P., Case Western Reserve University.

Sylvia Barber
Simulation Coordinator, ASN Program, 2010.
Diploma, St. John's School of Nursing;
B.S.N., Southwest Missouri State University;
M.S.N., University of Missouri-Columbia;
D.N.P., Case Western Reserve University.

Clint C. Bass
Associate Professor of Church History, 2009.
B.A., Southwest Baptist University;
M.Div., Southern Baptist Theological Seminary;
Th.M., Duke University;
D.Phil., Oxford University.

Bing Boyd Bayer
Chair, Department of Theology
Professor of Old Testament and Hebrew, 1988.
B.S., Dallas Baptist University;
Th.M., Dallas Theological Seminary;
Ph.D., Southern Baptist Theological Seminary.

Sherrie Bayer
Interdisciplinary Studies Coordinator
Instructor of University Studies, 2002.
B.S., Dallas Baptist College;
M.S., Southwest Baptist University.

Cynthia Beasley
Instructor, ASN Program, 2007.
Diploma, St. John's School of Nursing;
B.S.N., Southwest Baptist University;
M.S.N., University of Phoenix.

Jane Munson-Berg
Assistant Professor of Music, 2012.
B.M., Louisiana State University;
Professional Studies, Hochschule fur Musik;
M.M., Manhattan School of Music.

Troy Bethards
Dean, Robert W. Plaster College of Business and Computer Science
Professor of Business Administration, 2000.
Ruby Letsch-Roderique Chair of Economics/Finance
B.S., Southwest Baptist University;
M.B.A., Southwest Missouri State University;
D.B.A., Anderson University.

Aaron Black
Assistant Professor of Business Administration, 2016.
B.S., Lee University;
M.B.A., Missouri Baptist University;
D.MGT., Webster University.

Mary Blair
Instructor of Business Administration, 2015.
B.A., Drury University;
M.B.A., Drury University.

Stephen Bowling
Professor of Mathematics, 2001.
B.S., John Brown University;
M.S., University of Arkansas;
Ph.D., University of Arkansas.

Levi Bridge
M.B.A. Director
Instructor of Business Administration, 2014.
B.S., Southwest Baptist University;
M.B.A., Southwest Baptist University;
D.B.A., Liberty University.

Terri Briggs
Associate Professor, ASN Program, 2010.
A.S.N., B.S.N., Missouri Southern State College
M.S.N., University of Missouri-Kansas City.

Angela Brown-Peterson
Elaine Simpson Chair of Business Administration,
Assistant Professor of Business Administration, 2008.
B.S., Southwest Baptist University;
M.B.A., Southwest Baptist University;
ABD, Northcentral University.

Katy Brandes
Instructor and Academic Advisor, 2015.
B.A., University of Missouri;
M.A., University of Missouri.

Julie Bryant
Associate Professor of Education, 2002.
Lewis E. Schollian Chair of Education
B.S., Southwest Baptist University;
M.Ed., University of Missouri Columbia;
Ed.D., Liberty University.

James F. Cain, III
Associate Professor of Computer and Information Sciences, 1999.
B.S., M.S., University of Missouri-Rolla;
Ph.D., Oklahoma State University.

Dianna Ruth Callahan
Lecturer of Art, 2008.
B.F.A., Southwest Missouri State University.

Karlae Callahan
Coordinator, Bridge Program, Salem campus.
Instructor of Nursing, Salem campus, 2012
A.S., Columbia College;
B.S.N, Barnes School of Nursing;
M.S., Sinclair School of Nursing;
Post Graduate FNP, Maryville University.

James Andrew Campbell
Professor of Music, 2007.
B.S., Southwest Baptist University;
M.M., D.M.A., Southwestern Baptist Theological Seminary.

Robert Carney
Associate Professor of Music, 2010.
B.M., Missouri State University;
M.M., Louisiana State University;
D.M.A., University of North Texas.

Rebecca Cave
Instructor, ASN Program, 2015.
Diploma, Burge School of Nursing;
B.S.N., Drury University;
M.S.N., University of Missouri-Kansas City.

Kati Clancy
Instructor and Academic Advisor, 2014.
A.S.N., Southwest Baptist University;
B.S.N., Southwest Baptist University;
M.S.N., Southwest Baptist University.

Grant Douglas Cochran
Instructor of Art, 2007.
B.S., Southwest Baptist University.

Nancy L. Colbaugh
Assistant Professor of Graduate Education, 2013.
B.S.E., Evangel University;
M.S., Southwest Missouri State University;
Ed.S., Southwest Missouri State University;
Ed.D., University of Missouri-Columbia.

Jordan Compton
Instructor of Communication Arts , 2008.
B.A., Southwest Baptist University;
M.A., Missouri State University.

Tammy Condren
Assistant Professor of Graduate Education, 2013.
B.S.E., Southwest Baptist University;
M.S.E., Southwest Missouri State University;
Ed.S., Southwest Missouri State University;
Ed.D., University of Missouri-Columbia.

Meilani Conley
Instructor of Computer and Information Sciences, 2013.
B.S. Southwest Baptist University;
M.S. University of Phoenix.

Terry Cox
Professor of Physical Therapy, 2010.
B.S.Ed., Central Missouri State University;
B.H.S., University of Missouri-Columbia;
D.P.T., Regis University;
Certified Orthopedic Clinical Specialist, ABPTS;
Fellow, American Academy of Orthopaedic Manual Physical Therapists.

Lisa Cunningham
Instructor, ASN Program, 2016.
B.S.N., Bellin College of Nursing;
M.S.N., Oklahoma Baptist University

Heather Daulton
Assistant Professor, ASN Program, 2008.
B.S.N., Missouri Southern State University;
M.S.N., Missouri State University.

Kevin Day
Instructor of Kinesiology, 2012.
B.S., Southwest Baptist University;
M.S., University of Central Missouri.

Timothy H. DeClue
Chair, Department of Computer and Information Sciences
Professor of Computer and Information Sciences, 1985.
B.S., M.S., Northwest Missouri State University;
Ph.D., Southern Illinois University-Carbondale.

Nancy Delmont
Chair, Pre-licensure BSN Program, Bolivar Campus.
Instructor of Nursing, Bolivar, 2017
Diploma, St. John's School of Nursing;
B.S.N., Chamberlain College of Nursing;
M.S.N., Western Governors University.

Donald L. Denton, Jr.
Professor of Theology, 2003.
B.A., Southeastern Louisiana University;
M.Div., New Orleans Theological Seminary;
Ph.D., Fuller Theological Seminary.

Donna Gayle Depeé
Director, Mountain View Campus
Assistant Professor of Education, Mountain View, 2007.
B.S., University of Missouri-Columbia;
M.S., Southwest Baptist University;
Ed.S., Missouri State University.

Michael Dickerson
Instructor of Biology and Health Sciences, 2002.
A.A., Ozarks Technical Community College;
B.S., Southwest Baptist University;
M.S., Southwest Missouri State University.

Christopher W. Dinwiddie
Associate Professor of Psychology, 2006.
B.A., Langston University;
M.A., Ph.D., Southwestern Baptist Theological Seminary.

Amanda Doneski
Assistant Professor of Health Sciences, 2015
B.A., Ottawa University;
M.H.A.R., Ottawa University.

Earl W. Duvall III (Bill)
Assistant Professor of Psychology, 2015.
B.S., Frostburg State University;
M.A., Southwestern Baptist Theological Seminary;
Th.M., New Orleans Baptist Theological Seminary;
Ph.D., New Orleans Baptist Theological Seminary.

Kristin Edwards
Instructor of Accounting, 2017.
B.S., Southwest Baptist University;
M.A., Missouri State University;
C.P.A., American Institute of Certified Public Accountants.

Craig S. Endres
Chair, Department of Biology
Professor of Biology, 1993.
B.S., John Brown University;
M.S., University of Arkansas;
Ph.D., University of Wisconsin.

Amber C. Fleer
Associate Professor of Physical Therapy, 2008.
B.S., M.P.T., D.P.T., Southwest Baptist University;
Certified Orthopedic Clinical Specialist, ABPTS.

Jennifer Fox
Instructor of Education, 2012.
B.S., Southwest Baptist University;
M.A., Dominican University.

Michael Fuhrman
Chair, Department of Christian Ministry
Robert and Ruth Powell Chair of Preaching
Director of In-Service Training, 1998.
B.A., Southwest Baptist College;
M.Div., Ph.D., Southern Baptist Theological Seminary.

Debra Lynn Gamble
Instructor of Sociology, 1992.
B.A., Southwest Baptist University;
M.A., Central Missouri State University.

Suzanne Givens
Instructor, ASN Program, 2009.
B.S.N., Alcorn State University;
M.S.N., University of Phoenix.

Robert E. Glasgow
Professor of Mathematics, 1989.
B.S., Southwest Baptist University;
M.S., Pittsburg State University;
Ph.D., University of Missouri-Columbia.

Hillary Glauser-Patton
Director, Darrell R. Strait Center for the Integration of Science and Christian Faith
Instructor of Biology, 2010.
B.S., Southwest Baptist University;
M.S., Missouri State University;
Ph.D., University of Nebraska-Lincoln.

Jason Halverson
Assistant Professor of Athletic Training, 2003.
B.S., Indiana Wesleyan;
M.A., Western Michigan University.

Angelia Ham
Social Work Field Education Director, 2014.
B.S.W., Southwest Missouri State University;
M.S.W., Southwest Missouri State University;
Licensed Clinical Social Worker, State of Missouri.

Herb Hamann
Professor of Physical Therapy, 1983.
A.A., Wentworth Military Academy;
B.S., Missouri College;
B.S., Southwest Baptist University;
M.S., Central Missouri State University;
D.P.T., Creighton University.

Dwight Haun
Chair, Department of Education
Director of Teacher Education
Professor of Education, 1998.
B.S., Southwest Baptist University;
M.S., Southwest Missouri State University;
Ed.D., University of Missouri-Columbia.

Pamela S. Hedgpeth
Associate Professor of Graduate Education, 2008.
B.S., M.A., Ed.S., Missouri State University;
Ed.D., University of Missouri-Columbia.

Brittney Hendrickson
Chair, RN-BSN Program.
Instructor of Nursing, 2014.
A.S.N., Southwest Baptist University;
B.S.N., Southwest Baptist University;
M.S.N., Southwest Baptist University.

Holly Hill-Stanford
Professor of English, 1997.
B.A., Drury College;
M.A., Iowa State University;
Ph.D., University of Kansas.

John L. Hinsley
Assistant Professor of Kinesiology, 2017
B. S., University of the Ozarks;
M. S., Southwest Baptist University;
Ed. S., Missouri State University.

Kevin W. Hopkins
Chair, Department of Mathematics
Professor of Mathematics, 1989.
B.A., Greenville College;
M.S., Ph.D., University of Illinois.

Brian K. Hopwood
Professor of Music, 2006.
B.M.E., Oral Roberts University;
DIPFA, University of Calgary;
M.M.E., University of Colorado;
D.M.A., Arizona State University.

Dana M. Hunt
Associate Professor of Nursing, 2005.
A.D.N., Jewish Hospital College of Nursing;
B.S.N., Jewish Hospital College of Nursing;
M.S.N., St. Louis University;
M.P.H., St. Louis University.
D.N.P., Case Western Reserve University.

T. J. John
Chair, Department of Athletic Training
Assistant Professor of Athletic Training, 2002.
B.S., Fort Hays University;
M.A., Western Michigan University.

Melinda Smashey Jones
Professor of Music, 1998.
B.M., Southwest Baptist University;
M.M., D.M.A., University of Missouri-Kansas City.

William Duke Jones
Associate Provost for University Effectiveness
Professor of Christian Education, 2004.
B.A., Louisiana Tech University;
M.A., Ph.D., Southwestern Baptist Theological Seminary.

Shelley Dean Kilpatrick
Chair, Department of Behavioral Sciences
Professor of Psychology, 2003.
B.A., Baylor University;
M.A., Ph.D., University of North Carolina-Chapel Hill.

Jeffrey P. Kimball
Associate Professor of Computer and Information Sciences, 2005.
B.S., Southwest Baptist University;
M.S., Central Missouri State University;
Ph.D., Nova Southeastern.

Abbey Kimberling
Instructor of University Studies, 2014.
B.S. Southwest Baptist University;
M.Ed. Grand Canyon University.

Carla G. Kirchner
Assistant Professor of English, 2002, 2004.
B.A., Southwest Baptist University;
M.A., Southwest Missouri State University.
M.F.A., Spalding University.

Rachel Kopsas
Instructor, ASN Program, 2016.
B.S.N., M.S.N., Missouri State University

Susan Kromrie
Acquisitions/Collection Development Librarian
Associate Professor of Library Services, 2011.
A.A., State Fair Community College;
B.A., University of Wisconsin, Madison;
M.A., Emphasis: Library Science, University of Missouri-Columbia.

Allison Langford
Associate Provost for Teaching and Learning
Associate Professor of University Studies, 2003.
B.S., Texas A&M University;
M.S., Southwest Missouri State University;
Ed.D., University of Arkansas.

Joshua Layman
Associate Professor of Physical Therapy, 2010.
A.A., Ozarks Technical College;
B.S., Missouri State University;
M.P.T., Southwest Baptist University;
D.P.T., Southwest Baptist University;
Certified Neurologic Clinical Specialist, ABPTS.

Charles E. Lentz, Jr.
Professor of Education, 1994.
B.S., Southwest Baptist University;
M.S., Ed.S., Southwest Missouri State University;
Ph.D., University of Missouri-Columbia.

Steven G. Lesh
Chair, Department of Physical Therapy
Professor of Physical Therapy, 2000.
B.H.S., University of Missouri-Columbia;
M.P.A., Arkansas State University;
Ph.D., Capella University;
Certified Sports Clinical Specialist, ABPTS.

Kezia Lilly
Dean, Mercy College of Nursing and Health Sciences
Associate Professor of Nursing, 2012.
A.S.N., Cox College of Nursing;
B.S.N., Southwest Baptist University;
M.S.N., University of Phoenix;
M.B.A., University of Phoenix;
Post Graduate Nursing Informatics, Kaplan University;
D.N.P., Case Western Reserve University.

Baochuan Lu
Associate Professor of Computer and Information Sciences, 2008.
B.S., Shandong University of Technology;
M.S., Ph.D., University of Arkansas.

Prosperly B. Lyngdoh
Associate Professor of Intercultural Studies, 2015.
B.TH., Union Biblical Seminary;
M.A., Gordon-Conwell Theological Seminary;
Ph.D., Southern Baptist Theological Seminary.

Kelly S. Malone
Professor of Intercultural Studies, 2007.
Jack Stanton Chair of Evangelism
B.A., Baylor University;
M.Div., Ph.D., Southwestern Baptist Theological Seminary.

Jennifer Maloney
Assistant Professor of Psychology/Counselor, 2014.
B.S., College of the Ozarks;
M.S., Missouri State University;
Ed.D., Lindenwood University;
Licensed Professional Counselor.

R. Zachary Manis
Professor of Philosophy, 2005.
MA Director.
B.A., Hendrix College;
M.A., Texas A&M University;
Ph.D., Baylor University;
Additional Study, University of Notre Dame.

Kevin Marcum
Instructor of University Studies, 2014.
B.S. Southwest Baptist University;
M.S. Evangel University.

Craig Masters
Associate Professor of Physics, 2010.
B.A., William Jewell College;
M.S., University of Missouri-Kansas City;
Ph.D., University of Missouri-Kansas City.

Connie R. Matheny
Professor of Physical Therapy, 1997.
B.S., Southwest Baptist University;
M.H.S., University of Indianapolis;
Ph.D., University of Central Arkansas.

Renay McCarley
Associate Professor, ASN Program, 2007.
B.S.N., Harding University;
M.S.N., University of Central Missouri;
D.N.P., Case Western Reserve University.

Robert P. McGlasson
Associate Provost and Vice President of Operations for the Mercy College of Nursing and Health Sciences
Associate Professor, 1990.
B.S., M.A., Southwest Missouri State University;
M.L.S., University of Missouri, Columbia;
Ed.D., Nova Southeastern.

Shannon McKinzie
Instructor, ASN Program, 2007.
A.S.N., Cox College of Nursing;
B.S.N., Southwest Baptist University;
M.S.N., University of Missouri-Kansas City.

Beverly McNeal
Professor of Physical Therapy, 2005.
B.S., Baylor University;
M.S.P.T., Texas Women's University;
D.P.T., Southwest Baptist University;
Certified Geriatrics Clinical Specialist, ABPTS.

Jodi J. Meadows
Director of Dutile Honors Program, 2015.
Assistant Professor of University Studies, 2008.
B.M., Southwest Baptist University;
M.A., Missouri State University;
Ph.D., Regent University.

Joseph Michalka
Assistant Professor of Chemistry, 2016
B.S., Wheaton College, 2009
Ph.D., University of Notre Dame, 2016

Patricia Mickelberg
Instructor, ASN Program, 2002.
B.S.N., Central Missouri State University;
M.S.N., Regis University.

Rodger Minatra
Associate Professor of Business Administration, 2004.
B.S., Arizona State University;
M.A., University of Denver;
M.B.A., Southwest Baptist University;
Ed.D., University of North Texas.

Scott Morrison
Assistant Professor of Education, 2016.
B.S. Missouri State University;
M.S. Missouri State University;
Ed.S., Saint Louis University;
Ed.D. Saint Louis University.

Martha S. Morrow
Associate Professor, ASN Program, 1996.
Diploma, St. John's School of Nursing;
B.S.N., Southwest Missouri State University;
M.S.N., University of Missouri-Columbia.

Raquel Morrow
Assistant Professor of University Studies and Academic Advisor, 2015.
B.S., Missouri State University;
M.S., Missouri State University;
Ed.D, Lindenwood University.

John Murphy
Assistant Professor of Biology, 2017.
B.S., Central Missouri State University;
M.S., South Dakota State University;
Ph.D., Kansas State University.

Coyle Neal
Assistant Professor of Political Science, 2013.
B.S., University of Wyoming;
M.A., Ph.D. The Catholic University of America.

Kwasi Ofori-Yeboah
Chair, Department of History and Political Science
Professor of Political Science, 1997.
B.A., University of Ghana;
M.A., Ph.D., Queen's University.

John D. Patton
Chair, Department of Chemistry and Physics
Associate Professor of Chemistry, 2004.
B.S., Southwest Baptist University;
Ph.D., University of Missouri-Columbia.

Kelly Paulie
Instructor, ASN Program, 2017.
B.S. Northwest Missouri State University;
B.S.N., Cox College;
M.S.N, Missouri State University.

Leigha Pellegren
Instructor, ASN Program, 2017.
A.S.N., St. John's College of Nursing;
B.S.N., Southwest Baptist University.

David Platter
Assistant Professor of Art, 2015.
B.A., MidAmerica Nazarene University;
M.F.A., University of Kansas.

Suzanne Powers
Director of Career Services and External Studies, Dual Credit Director.
Instructor of University Studies, 2008.
B.S., M.S., Missouri State University.

Paul Putt
Instructor of Exercise Science, 2013.
B.S., Southwest Baptist University, 1993;
M.S., Central Missouri State, 1996.

Michelle Ramsey
Instructor, ASN Program, 2012.
B.S.N., Harding University;
M.S.N., Southwest Baptist University.

Cindy Reed
LRC Coordinator, ASN Program, 2007.
Diploma, St. John's School of Nursing;
B.S.N., Southwest Baptist University;
M.S.N., Southwest Baptist University.

Rodney Reeves
Dean, The Courts Redford College of Theology and Ministry
Courts Redford Chair of Biblical Studies
Professor of Biblical Studies, 2000.
B.A., Southwest Baptist College;
M.Div., Ph.D., Southwestern Baptist Theological Seminary;
Additional Study, Oxford University.

Philip A. Rohrer
Coordinator of Behavioral Sciences, Salem and Mtn. View Campuses
Instructor of Psychology, 2015.
B.A., McPherson College;
M.Ed., Wichita State University;
Ed.S., Wichita State University.

Coleen Rose
Technical Services Librarian
Professor of Library Services, 1980.
B.A., Union College;
M.L.S., George Peabody College for Teachers.

Sarah Russback
Associate Professor of Education, 2000.
B.S., Southwest Baptist University;
M.S., Southwest Missouri State University;
S.C.C.T., Arkansas State University;
Ed.D., Arkansas State University.

Tamara Samek
Instructor of Education, 2009.
B.A., William Jewell College;
M.S., Southwest Baptist University.

Joseph A. Sartorius
Assistant Professor of Graduate Education, 2007.
B.S., M.A., Southwest Missouri State University;
Ed.S., Ph.D., St. Louis University.

Becky Schoeneberg
Associate Professor of Physical Therapy, 2012.
B.S., Hannibal LaGrange University;
D.P.T., Southwest Baptist University.

Kevin J. Schriver
Dean, College of Education and Social Sciences
Professor of Psychology, 1989.
B.A., Southwest Baptist University;
M.S., Central Missouri State University;
Psy.D., Forest Institute of Professional Psychology.

Heather Shackelford
Instructor, ASN Program, 2017.
A.S.N., B.S.N., Cox College.

Colleen Shuler
Instructor of Education, 2015.
B.S., Southwest Baptist University;
M.S., Southwest Baptist University.

Teresa Sickmyre
Instructor, ASN Program, 2017.
Diploma, St. John's School of Nursing;
B.S.N., Southwest Baptist University

Dennis Siegfried
Associate Professor of Biology, 2010.
B.A., Malone College;
M.Ed., Ashland University;
Ph.D., University of Oklahoma.

J. Lee Skinkle
Provost
Associate Professor of Education, 2016.
B.B.A., University of Georgia;
M.Div., Southwestern Baptist Theological Seminary;
Ph.D., Southwestern Baptist Theological Seminary.

Cathy Smith
Instructor of Education, 2014.
B.S. Missouri State University;
M.Ed. Missouri State University;
M.Ed. University of Missouri-Columbia;
Ed.S. Missouri State University.

James O. Smith
Professor of History, 2001.
B.A., Southwest Baptist University;
M.A., University of Utah;
Ph.D., University of Missouri-Columbia.

Robin J. Smith
Assistant Professor of Music, 2015.
B.M.E., University of Louisville;
M.M., University of Louisville;
D.M., Indiana University.

Tom Sneed
Professor of Physical Therapy, 1997, 2010.
B.S., Oklahoma University;
M.H.A., Chapman University;
D.P.T., Creighton University;
Certified Orthopaedic Clinical Specialist, ABPTS.

Fila J. Snider
Instructor, ASN Program, 2007.
A.S.N., B.S.N., Southwest Baptist University,
M.S.N., Regis University.

Stacy Soden
Chair, Health Sciences
Assistant Professor of Health Sciences, 2010.
B.S., University of Arkansas for Medical Sciences, Little Rock;
M.S., Southwest Baptist University.

Ken Spurgeon
Certification Officer and Coordinator of Clinical Experiences
Assistant Professor of Education, 2009.
B.S., Pittsburg State University
M.S., Pittsburg State University
Ed.S., Pittsburg State University

Melvin L. Steele
Assistant Professor of Business Administration, 1990.
B.S., Southwest Baptist University;
M.B.A., Louisiana Tech University;
Doctoral Study, University of Nebraska.

Paula Steiert
Instructor of Biology and Health Sciences, 1990.
B.A., College of St. Catherine;
M.S., University of Minnesota.

Dana Steward
Director, University Success Center
Instructor of University Studies, 2005.
B.S., Southwest Baptist University;
M.S., Southwest Baptist University.

Martaun Stockstill
Instructor of Physical Therapy, 2013.
B.S., Missouri State University;
M.S., Missouri State University.

Todd Sukany
Instructor of English, 1998.
B.A., Southwest Baptist University;
M.A., Southeast Missouri State University.

James R. Tarrant III
Professor of Music, 2004.
B.A., Cumberland College;
M.M., Eastern Kentucky University;
D.M.A., University of Memphis.

C. Pat Taylor
President
Professor of Education, 1996.
B.S., University of Tennessee, Martin;
M.A., Western Kentucky University;
Ed.D., University of Memphis.

Perry A. Tompkins
Dean, College of Science and Mathematics
Professor of Physics, 2008.
B.S., University of Houston;
M.S., Ph.D., Texas A&M University.

Cindy Todd
Instructor of Nursing, 2014.
ASN Program, 2012.
A.S.N., Southwest Baptist University;
B.S.N., Southwest Baptist University;
M.S.N., Southwest Baptist University.

Marsha Trantham
Assistant Professor of Physical Therapy, 2013.
B.S., Missouri State University;
M.S.P.T., Texas Women's University.

James Edward Truelove
Chair, Graduate Studies in Education
Professor of Graduate Education, 2007.
B.S., Southwest Baptist University;
M.R.E., Midwestern Baptist Theological Seminary;
Ph.D., University of Arkansas;
Postdoctoral Fellow, University of Arkansas.

Philip Truscott
Assistant Professor of Sociology, 2014.
M.A. University of Edinburgh;
Ph.D. University of Surrey.

Jenell Rene Wagner
Assistant Professor of Accounting, 2007.
B.A., Southwest Baptist University;
M. Acc., Missouri State University;
C.M.A., Institute of Management Accountants;
E.A., U.S. Treasury Department.

Deborah L. Walker
Assistant Professor of Psychology, 2015.
Coordinator of Counseling Services
B.S. Southwest Baptist University;
M.A. Forest Institute of Professional Psychology;
PsyD. Forest Institute of Professional Psychology;
Licensed Psychologist.

Dwayne R. Walker
Assistant Professor of Social Work, 2015.
B.S.W. Program Director
B.S., Southwest Baptist University;
M.S.W., University of Missouri-Columbia;
Licensed Clinical Social Worker.

William E. Walkup
Assistant Professor of Psychology/Counselor, 1994.
B.A., Southwest Baptist University;
M.S., Texas Women's University;
Licensed Clinical Social Worker.

Rachel Wallenbeck
Digital Services Librarian
Assistant Professor of Library Services, 2017.
B.A., William Jewel College;
M.A., Emphasis: Library Science, University of Missouri-Columbia.

Edward W. Walton
Dean, University Libraries
Professor of Library Services, 2002.
B.S., Dallas Baptist University;
M.L.S., University of North Texas;
Ed.D., Union University.

Jeffery Waters
Dean, Geneva Casebolt College of Music, Arts & Letters
Professor of Music, 1989.
B.S., Jacksonville State University;
M.M., D.M.A., University of Georgia.

Renee S. Waters
Coordinator of Music Theory
Professor of Music, 1993.
B.S., Jacksonville State University;
M.M., D.M.A., University of Georgia.

Jonathan Wehmeyer
Instructor of Theatre, 2011.
B.A., Southwest Baptist University;
M.A., University of Central Missouri.

Terri L. Wehmeyer
Professor of Music, 2004.
B.M.E., Ouachita Baptist University;
M.M., Northwestern State University of Louisiana;
M.M., University of Missouri-Kansas City;
D.M.A., University of Missouri-Kansas City.

Tao Wei
Associate Professor of Biology, 2012.
M.D., Henan Medical University;
Ph.D., Uppsala University.

Jena Whetstine
Associate Professor of Chemistry, 2011.
B.S., Truman State University;
Ph.D., University of Missouri-Columbia.

Gina Clarisse Whitehead
Associate Director of Athletics, Senior Women Administrator
Instructor of Exercise Science, 2007.
B.S., University of Arkansas;
M.S., Indiana University.

Duane Widhalm
Coordinator, Educational Administration Program
Assistant Professor of Graduate Education, 2016.
B.A., Central Methodist University;
M.S., Missouri State University;
Ed.S., Missouri State University;
Ed.D., Arkansas State University.

Mike A. Wolhoy
Instructor of Athletic Training, 2006.
B.A., Graceland University;
M.S., University of Louisiana at Monroe.

Bethany Wood
Assistant Professor of Theatre, 2015.
B.A., University of Oklahoma;
B.F.A., University of Oklahoma;
M.A., University of Wisconsin-Madison;
Ph.D., University of Wisconsin-Madison.

Timothy L. Wood
Professor of History, 2004.
B.A., Indiana University-Southeast;
M.A., University of Louisville;
Ph.D., Marquette University.

Joseph A. Wooderson
Chair, Department of Kinesiology
Assistant Professor of Physical Education, 2005.
B.S., Southwest Baptist College;
M.S., Drury College;
Ed.S., Southwest Missouri State University.

Bethany Woods
Assistant Professor of Nursing, 2012.
A.A., Missouri State University-West Plains;
A.S.N., Southwest Baptist University;
B.S.N., Southwest Baptist University;
M.S.N., University of Missouri-Kansas City.

Nathan Wright
Associate Professor of Business Administration, 2012.
B.A., Southwest Baptist University;
M.A., University of Detroit – Mercy;
J.D., University of Missouri-Columbia.

Sherri Young
Assistant Professor, ASN Program, 2012.
A.S.N., Missouri Southern State University;
B.S.N., Missouri Southern State University;
M.S.N., University of Missouri – Kansas City.

Sharon Zahn
Assistant Professor, ASN Program, 2007.
Diploma, Burge School of Nursing;
B.S.N., Southwest Missouri State University;
M.S.N., University of Missouri-Columbia.

John Zietlow
Professor of Business Administration, 2015.
B.S., Ohio State University;
M.B.A., Ohio State University;
D.B.A., University of Memphis.

COX SCHOOL OF MEDICAL TECHNOLOGY FACULTY AFFILIATE

Douglas D. Hubbard
Program Director
Cox School of Medical Technology, 1990.
B.A., Drury College;
M.T., Cox Medical Center.

EMERITI FACULTY

James Donald Baker
Senior Professor Emeritus of Christian Ministries, 1976.
A.A., A.S., Southwest Baptist College;
A.B., William Jewell College;
M.Div., Central Baptist Theological Seminary;
Th.D., New Orleans Baptist Theological Seminary.

Susan Baker
Associate Professor Emeritus of Music, 1974.
B.S., University of Missouri;
M.S.M., New Orleans Baptist Theological Seminary;
Additional study, University of Missouri-Kansas City.

Cathy Beck
Professor Emeritus of Physical Therapy, 2002.
B.S., Oklahoma University;
M.S., Emory University;
Ph.D., Biola University.

Carol Bevier
Senior Professor Emeritus of Music, 1966.
B.M.E., Central Missouri State University;
M.M., Northwestern University;
Ph.D., North Texas State University;
NEH Seminars for College Teachers, Yale University, Dartmouth College.

Ronald E. Boutwell
Associate Professor Emeritus of Speech and Theatre, 1967.
B.F.A., Texas Christian University;
M.A., North Texas State University.

Pearlene Breshears
Assistant Professor Emeritus of Psychology/Counselor, 1990.
B.S., Southwest Baptist College;
M.S., Southwest Missouri State University;
National Certified Counselor;
National Certified School Counselor;
Licensed Professional Counselor.

Richard L. Brewer
Professor Emeritus of Psychology, 1982.
B.A., Southwest Baptist College;
M.A., Wheaton Graduate School;
Psy.D., Forest Institute of Professional Psychology;
Licensed Psychologist/Health Services Provider.

Joseph C. Brown
Associate Professor Emeritus of English, 1968.
B.A., Howard College;
M.A., Samford University;
Doctoral study, University of Missouri.

Kathy Brown
Professor Emeritus of Music, 1981.
B.M., B.M.E., Baylor University;
M.M., Indiana University;
D.M.A., University of Missouri-Kansas City.

Nancy C. Brown
Associate Professor Emeritus of Music, 1968.
B.M., M.M., Baylor University;
Additional study, University of Alabama, Samford University.

Rex Brown
Senior Professor Emeritus of Health and Physical Education, 1969.
B.S.E., M.Ed., Ed.D., University of Arkansas;
Additional study, Michigan State University and Auburn University.

Sandra L. Brown
Reference Services Librarian
University Archivist
Director of Joyce Sells Heritage Center
Associate Professor Emeritus of Library Services, 1979.
A.A., Santa Fe Community College;
B.A.A., University of Florida;
M.F.A., M.S.L.S., Florida State University.

William P. Brown
Provost Emeritus and Senior Professor Emeritus of Music, 1980.
B.M., Performer's Certificate, Baylor University;
M.M., D.M., Indiana University.

John A. Bryant
Associate Professor Emeritus of Mathematics, 1966.
A.A., Southwest Baptist College;
B.S., M.Ed., Mississippi College;
M.A., University of Illinois.

Judith C. Bryant
Professor Emeritus of Education, 1989.
B.S., Mississippi College;
M.S., Southwest Missouri State University;
Ed.D., University of Missouri-Columbia.

Delta Cavner
Professor Emeritus of Education, 2004.
B.S., Oral Roberts University;
B.A., M.A., Ed.D., Boise State University.

B.E. Clark
Senior Professor Emeritus of Accounting, 1966.
B.S., M.B.A., Ph.D., Louisiana State University.

B. Wayne Clark
Chair, Department of Accounting
Assistant Professor of Accounting, 1992.
B.S., University of Missouri-Columbia;
M.B.A., Missouri State University;
C.P.A., American Institute of Certified Public Accountants.

Dan W. Cochran
Senior Professor Emeritus of Philosophy, 1966.
A.B., University of Missouri;
B.D., New Orleans Baptist Theological Seminary;
Th.M., Th.D., Southwestern Baptist Theological Seminary;
Additional study, University of Arkansas, University of Saint Andrews, Scotland, Oxford University and University of Virginia.

Ronda Credille
Professor Emeritus of Business Administration, 1990.
B.S., Southwest Baptist College;
M.B.A., Drury College;
Ph.D., University of Nebraska.

Eldonna DeWeese
Assistant Professor Emeritus, University Libraries, 1969-1982, 1991-2004.
A.A., Southwest Baptist College;
B.S. Ed., M.A., Southwest Missouri State University;
M.L.S., Emporia State University.

Gordon Dutile
Provost Emeritus and Professor Emeritus of Bible, 1980.
B.S., Louisiana Tech University;
M.Div., Ph.D., Southwestern Baptist Theological Seminary.

Julia Dutile
Associate Professor Emeritus of Education, 1983.
B.S., Louisiana Tech University;
M.S.E., Ed.S., Central Missouri State University.

Jim L. Frost
Professor Emeritus of Intercultural Studies, 1987.
B.A., Baylor University;
M.A., M.Div., Wheaton Graduate School;
Th.M., Fuller Theological Seminary;
D.Min., Southwestern Baptist Theological Seminary.

Harlie Kay Gallatin
Senior Professor Emeritus of History, 1961.
A.A., Hannibal-LaGrange College;
A.B., William Jewell College;
B.D., Central Baptist Theological Seminary;
M.A., Central Missouri State University;
Ph.D., University of Illinois, Urbana-Champaign.

Betty J. Gipson
Professor Emeritus of English, 1968.
A.E., Southwest Baptist College;
B.S. in Education, Southwest Missouri State University;
M.A., Ph.D., University of Missouri.

Curtis D. Goss
Assistant Professor of Spanish, 1994.
B.A., M.A., Texas Tech University;
Doctoral Study, Texas Tech University.

Wesley A. Gott
Associate Professor Emeritus of Art, 1975.
B.S., Southwest Missouri State University;
M.C.M., Southwestern Baptist Theological Seminary;
M.F.A., George Washington University;
Additional study, Nova University.

Bev H. Harris
Professor Emeritus of Mathematics, 1952.
A.A., Southwest Baptist College;
B.S. in Education, Southwest Missouri State University;
M.A., Ed.D., University of Missouri;
Post-doctoral study, University of Wisconsin.

Ted A. Harris
Associate Professor Emeritus of Music, 1967.
A.B., William Jewell College;
B.M., Oklahoma Baptist University;
M.M., University of Illinois;
Doctoral study, Indiana University and University of Missouri-Kansas City.

Dorothy Hash
Professor Emeritus of Physical Therapy, 1994.
B.S.P.T., Washington University;
M.A., University of Southern California;
D.P.T., University of Southern California.

Martha Hicks
Chair, Department of Music
Professor of Music, 1997.
B.S.E., Auburn University;
M.C.M., D.M.A., New Orleans Baptist Theological Seminary.

Larry M. Hodges
Professor Emeritus of Theology, 1981.
B.A., Baylor University;
M.Div., Southwestern Baptist Theological Seminary;
Ph.D., Baylor University.

Thomas D. Hollis
Professor Emeritus of Graduate Education, 1995.
B.S., Oklahoma State University;
M.S., Central State University;
Ph.D., University of Oklahoma.

William L. Hooper
Professor Emeritus of Music, 1956, 1983.
A.A., Southwest Baptist College;
B.A., William Jewell College;
M.A., University of Iowa;
Ph.D., George Peabody College of Vanderbilt University;
Additional study, Composition with Humphrey Searle, Royal College of Music, London;
Psychotherapy, Westminster Pastoral Foundation, London.

Carl F. Huser
Senior Professor Emeritus of Biology, 1966.
A.A., Southwest Baptist College;
B.S., Southwest Missouri State University;
M.S., University of Minnesota;
Ph.D., University of Missouri.

J. Larry Jackson
Senior Professor Emeritus of Recreation, 1974.
B.S., Lincoln University;
M.S., Ed.S., Ph.D., University of Missouri.

Janet M. Juhlin
Professor Emeritus of Education, 1995.
B.A., Southwest Baptist College;
M.S., Southwest Baptist University;
Ph.D., University of Missouri-Columbia.

Ann Kitchin
Bibliographic Instruction Librarian
Assistant Professor Emeritus of Library Services, 1984.
B.A., William Carey College;
M.Ed., University of Southern Mississippi;
Ed.S., Mississippi State University;
M.L.S., University of Southern Mississippi.

Robert W. Kitchin
Professor Emeritus of Chemistry and Physics, 1984.
B.S., Ph.D., Mississippi State University;
Additional study, University of Southern Mississippi.

Margaret A. Kort
Professor Emeritus of Biology, 1967.
B.S., Georgetown College;
M.S., University of Louisville;
Ed.D., University of Northern Colorado;
Post-doctoral study, Oak Ridge Associated Universities, University of Tennessee.

Billie R. Lang
Professor Emeritus of Biology, 1990.
B.S., Mississippi College;
M.S., Ph.D., University of Mississippi
Postdoctoral, Cornell University and University of Texas.

B.F. Little
Senior Professor Emeritus of Chemistry, 1960.
B.A., Baylor University;
B.D., Southwestern Baptist Theological Seminary;
M.Ed., Texas Wesleyan College;
M.S., Montana State University;
Ph.D., University of Missouri-Rolla.

Susan C. Lynch
Professor Emeritus of Business Administration, 1985.
B.A., Southwest Baptist College;
M.S.E., Central Missouri State University;
Ed.D., University of Arkansas.

Mary B. McFarland
Assistant Professor Emeritus of Nursing, 1986.
B.S., Texas Woman's University;
M.S.N., West Texas State University.

Kelly Martin
Professor of Criminal Justice, 2000.
B.A., Drury College;
J.D., University of Missouri-Columbia.

Evelyn Mercer
Assistant Professor Emeritus of Sociology, 1986.
B.A., Southwest Baptist College;
M.R.E., Southern Baptist Theological Seminary;
M.S.S.W., University of Louisville;
Licensed Clinical Social Worker;
Academy of Certified Social Workers.

Eric D. Moore
Professor Emeritus of Education, 1975, 1981.
B.A., Southwest Baptist College;
M.S., Central Missouri State University (Clinical Audiology);
Ph.D., University of Missouri-Columbia.

Betty Jo Mulbery
Assistant Professor Emeritus of Religious Education, 1987.
B.S., Northwestern State College;
M.R.E., Southwestern Baptist Theological Seminary;
M.A., Sangamon State University.

Thomas E. Padgett
Senior Professor Emeritus of English, 1963.
A.A., Southwest Baptist College;
B.A., Oklahoma Baptist University;
M.R.E., Southwestern Baptist Theological Seminary;
M.A., University of Texas;
Ph.D., University of Missouri.

Lynn E. Penticuff
Associate Professor Emeritus of Music, 1975.
B.M.E., M.M., Central Missouri State University;
Additional study, University of Missouri-Kansas City.

Robert Wayne Perry
Professor Emeritus of Graduate Education, 2003.
B.S. Ed, Southwest Missouri State University;
M.A., Truman State University;
Ed. S., University of Missouri-Columbia;
Ed.D., University of Mississippi.

Jimmy F. Sellars
Professor Emeritus of Education, 1994, 1997.
B.S.E., University of Central Arkansas;
M.Div., D.Min., Southern Baptist Theological Seminary;
Ed.D., Indiana University.

Joe B. Shelton
Senior Professor Emeritus of Psychology, 1972.
A.A., Southwest Baptist College;
B.S., Southwest Missouri State University;
M.Ed., University of Missouri;
Ed.D., University of Arkansas.

John I. Smashey
Associate Professor Emeritus of Mathematics, 1965.
A.A., Southwest Baptist College;
B.S., in Education, Southwest Missouri State University;
M.A., University of Illinois.

Twila M.W. Smith
Professor Emeritus of Education, 1967.
B.A., M.Ed., Howard Payne College;
Ph.D., University of Texas;
Additional study, Webster University.

Rosalyn Snellen
Senior Professor Emeritus of Biology, 1978.
B.A., Southwest Baptist College;
Ph.D., North Texas State University.

Linda Tappmeyer
Assistant Professor of English, 1992.
B.A., Southwest Baptist College;
M.A., University of Missouri-Kansas City;
M.A., Southwest Missouri State University.

Mark E. Tappmeyer
Chair, Department of Language and Literature
Professor of English, 1979.
B.A., Southwest Baptist College;
M.A., University of Missouri-Kansas City;
D.A., Illinois State University.

Betty Van Blair
Professor Emeritus, University Libraries, 1980.
B.S., Ball State University;
M.S., Central Missouri State University;
M.L.S., University of Illinois;
Ed.D., University of Arkansas.

Larry F. Whatley
Associate Professor Emeritus of History and Political Science, 1965, 1969.
B.A., M.A., Mississippi State University;
Additional study, Pennsylvania State University, University of Missouri.

John Wheeler
Professor Emeritus of Education, 1983.
B.A., Southwest Baptist College;
M.S., Pittsburg State University;
Ed.S., Southwest Missouri State University;
Ed.D., University of Kansas.

Linda Kay Wooderson
Professor of Physical Education, 1989.
B.S., Southwest Baptist College;
M.S., Drury College;
Ed.S., Southwest Missouri State University;
Ed.D., University of Missouri-Columbia.

BRANCH CAMPUSES

http://www.sbuniv.edu/aboutsbu/SBUCampusLocations.html

Directors

Donna Gayle Depeé
Director, Mountain View Campus, 2015
Assistant Professor of Education, Mountain View, 2007.
B.S., University of Missouri-Columbia;
M.S., Southwest Baptist University;
Ed.S., Missouri State University.

Linda Armer
Salem Campus Director, 2005.
B.S., Southwest Baptist University;
M.B.A., Southwest Baptist University.

Robert P. McGlasson
Associate Provost and Vice President of Operations for the Mercy College of Nursing and Health Sciences
Associate Professor, 1990.
B.S., M.A., Southwest Missouri State University;
M.L.S., University of Missouri, Columbia;
Ed.D., Nova Southeastern.

Branch Campus Locations

Campus	Address	Telephone
MOUNTAIN VIEW	Southwest Baptist University 209 W. First Street P.O. Box 489 Mountain View, MO 65548 http://www.sbuniv.edu/about/campus-locations/mountain-view/index.php	(417) 934-2999
SALEM	Southwest Baptist University 501 South Grand Salem, MO 65560 http://www.sbuniv.edu/about/campus-locations/salem/index.php	(573) 729-7071
SPRINGFIELD	Southwest Baptist University 4431 S. Fremont Springfield, MO 65804 http://www.sbuniv.edu/about/campus-locations/springfield/index.php	(417) 820-2069

INDEX

Absences 59
Academic Departments
Bob R. Derryberry School of Communication Arts 130
Department of Accounting 83
Department of Art 125
Department of Athletic Training 149
Department of Behavioral Sciences 103
Department of Biology 154
Department of Business Administration 84
Department of Chemistry and Physics 156
Department of Christian Ministry 96
Department of Computer & Information Sciences 87
Department of Education 112
Department of Health Sciences 182
Department of History and Political Science 119
Department of Kinesiology 117
Department of Language and Literature 134
Department of Mathematics 163
Department of Music 140
Department of Radiography 187
Department of Theology 99
Department of Undergraduate Nursing – Springfield 173
Academic Integrity 8, 62
Academic Dishonesty Appeal Policy 63
Academic Dishonesty Sanctions 63
Academic Organizations 48
Academic Policies 62
Grade Appeal Policy 63
Academic Scholarships 36, 37
Board of Trustees Transfer Award 37
J.C. Pike Transfer Award 37
Presidential Transfer Award 37
SBU Residency Grant 37
SBU Transfer Grant 37
Academic Standing 60
Access Missouri Program 39
Accounting 83
Accreditation v
ACT Scores 25
Administration 278
Administrative Withdrawal 60
Admission Requirements for Undergraduates 19
Application Procedures 22
Conditional Admission 19
Dual Credit 21
Dual Enrollment 21
Early Admission 21
Freshman Admission 19
International Student Admission 21
Special Admission 21
Transfer Student Admission 20
Transfer Students with the Associate Degree 20
Transfer Students without the Associate Degree 20
Advanced Placement 26
Advanced Placement Examinations 26
Affiliations v
Alternative Loan Program 41
Appeals Procedure for Academic Probation and Dismissal 62
Appeals Related to Admission 24
Application Procedures 22
First Time Freshmen 22
International Students 23
Non-Degree Seeking Students 24
Transfer Students 23
Areas of Study 68
Art Education 129
Art Scholarship 38
Art, Commercial 127
Art, General 126
Assessment 24
Associate Degrees in Teaching 116
Associate of Applied Science 54, 79, 183
General Education Course Requirements 79
Graduation Requirements 80
Associate of Applied Science Degree 182
Associate of Applied Science in Business 91
Associate of Arts 54
Associate of Arts in General Studies 124
Associate of Arts in Ministry 102
Associate of Science 54
Associate of Science in Business 91
Associate of Science in General Studies 124
Associate of Science in Health Sciences 184
Associate of Science in Ministry 102
Associate of Science in Nursing 176
Associate of Science in Radiography 187
Athletic Advising Information 66
Athletic Scholarship 38
Athletic Training 153
Attendance 59
Administrative Withdrawal 60
Reporting Absences 59
Audit 57
Automobiles 47
Awards 51
Hamlett Creative Writing Award 52
James Frederick Hurst Memorial Mathematics Award 52
Jasper A. Clark Biology Award 51

Life Beautiful Award 52
Life Service Award 52
May M. Hurst English Literature Award 52
N.J. Nabors Forensic Service Award 52
Paul F. Wright Distinguished Speaker Award 52
Rev. C.A. Butler Sociology Award 51
Who's Who Nomination 52
Bachelor of Arts 53
Bachelor of Music 53
Bachelor of Science 53
Bachelor of Science in Health Sciences 184
Bachelor of Science in Nursing (RN-BSN) 173
Bachelor of Social Work 53
Behavior 45
Discipline 45
Misconduct 45
Responsibility 45
Biblical Studies 100
Biology 155
Biology Education 156
Biology Minor 156
Board of Trustees 277
Board of Trustees Scholars Award 37
Bob R. Derryberry School of Communication Arts 130
Communication Major 130
Communication Minor 133
Journalism/Mass Communication 131
Mission Statement 130
Musical Theatre Minor 134
Organizational and Strategic Communication 131
Speech Communication and Theatre Education 133
Speech Communication and Theatre Minor 134
Theatre Major 132
Theatre Minor 133
Branch Campuses 295
British A Level Examinations 27
Buildings and Facilities 9
Art and Doris Allen Walk of Life 9
Beasley Hall 11
Casebolt Apartments 11
Colvin Center for Instructional Technology and Extended Learning 9
Craig House 11
David and Betty Cribbs Athletic Practice Facility 10
Davis-Newport Theater 10
Dodson Field 10
Driskill Art Gallery 10
Felix Goodson Student Union 10
Gene Taylor National Free Enterprise Center 11
Geneva Casebolt Music Center 9
Gott Hall 11
Grant Davis Theater 10
Hammons Center for Facilities Excellence 10
Harriett K. Hutchens Library 10
Jane A. Meyer Recital Hall 9
Jane and Ken Meyer Wellness and Sports Center 10
Jester Learning and Performance Center 10
Jim Mellers Center 10
John A. Bryant Tennis Center 9
John D. Clement Memorial Amphitheater and Prayer Garden 9
John Q. Hammons Court 10
Judy Taylor Physical Therapy Garden 11
Keathley Lifewalk 10
Killian Health Center 10
Landen Hall 11
Leslie Hall 11
M. Michael Awad Memorial Garden 9
Mabee Chapel 10
Marietta Mellers Dining Commons 10
Maupin Hall 11
McClelland Dining Facility 10
Memorial Hall 11
Meyer Hall 11
Nichols Commons 11
Plaster Athletic Center 10
Plaster Lodge 11
Plaster Stadium 11
Randolph Meditation Chapel 11
Roseman Apartments 11
Sells Administrative Center 11
Stewart Track 11
The Merrill Burnidge Memorial Forum 9
Virginia R. Heer Facility 10
Warren B. Davis Family Physical Therapy Center 10
Wayne and Betty Gott Educational Center 10
Wheeler Science Center 11
White Chapel 10
Woody Hall 11
Business Administration 84
Calendar 1
Cancellation of Courses 3
Cancellation of Federal Financial Assistance 35
Cancellation of Other Financial Assistance and Scholarships 35
Career Services 47
Certificate in Child Care Work 110
Changes of Enrollment 59
Changing an Academic Major 58
Chemistry 157
Chemistry Education 158
Chemistry Minor 158
Christian Ministry 96
Christian Studies 100
Church Matching Scholarship 38
Church Music 145
Church Music Minor 147
Church-Related Scholarships 37
Church-Related Vocation Scholarship 37
Dependent of Church Minister Scholarship 38
CLEP 29
Clery Act iii

College of Education and Social Sciences 103
Associate Degrees in Teaching 116
Associate of Arts in General Studies 124
Associate of Science in General Studies 124
Certificate in Child Care Work 110
Criminal Justice Major 110
Department of Behavioral Sciences 103
Department of Education 112
Department of History and Political Science 119
Department of Kinesiology 117
Elementary Education 113
Exercise Science Major 118
History Major 120
Middle School Certification 114
Minor in Counseling 107
Minor in Criminal Justice 111
Minor in Gerontology 110
Minor in History 121
Minor in Military Science 112
Minor in Political Science 122
Minor in Psychology 107
Minor in Social Welfare 108
Minor in Sociology 110
Mission Statement 103
Physical Education Certification 117
Political Science Major 121
Prelaw 124
Psychology Major 104
Pre-Physical Therapy 106
Psychology Major with emphasis in 105
Secondary Education 116
Social Science Education Major 122
Social Work Major 108
Sociology Major 109
Sport Management Major 118
College of Science and Mathematics
Athletic Training Major 153
Biology Education Major 156
Biology Major 155
Biology Minor 156
Certification for Teaching High School (Mathematics 9-12) 164
Chemistry Education Major 158
Chemistry Major 158
Chemistry Minor 158
Darrell R. Strait Center for the Integration of Science and Christian Faith 170
Department of Athletic Training 149
Department of Biology 154
Department of Chemistry and Physics 156
Department of Mathematics 163
Department of Physical Therapy 168
Integration of Science and Christian Faith Minor 170
Mathematics Major 163
Mathematics Minor 164
Medical Technology 167
Mission Statement 149
Physics Major 159
Physics Minor 161
Pre-Engineering 160
Pre-Health 166
Pre-Physical Therapy 165
Pre-Professional Studies 165
Sports Medicine 153
Unified Science Teaching Certification Grades 9 - 12 161
College of Science And Mathematics 149
College-Level Examination Program (CLEP) 29
Colleges
College of Education and Social Sciences 103
College of Science And Mathematics 149
Courts Redford College of Theology and Ministry 95
Geneva Casebolt College of Music, Arts and Letters 125
Mercy College of Nursing and Health Sciences ... 173
Robert W. Plaster College of Business and Computer Science 81
Colleges and Academic Departments 67
Commercial Art 127
Communication 130
Communication Minor 133
Community Activities 51
Community Concerts 51
Local Churches 51
Community Paramedic Certificate 182
Commuter Status Policy 46
Computational Finance 85
Computer Information Science 88
Computer Science 88
Computer Science Education 89
Core Values 5
Counseling and Testing 47
Course Descriptions 199
Courts Redford College of Theology and Ministry 95
Associate Degrees 102
Biblical Studies Major 100
Christian Ministry Major 96
Christian Studies Major 100
Core Curriculum 96
Department of Christian Ministry 96
Department of Theology 99
Intercultural Studies Major 98
Minors 100
Mission Statement 95
Religion and Philosophy Major 100
Credit By Examination 29
Credit Hour Restrictions 61
Appeals Procedure for Academic Probation and Dismissal 62
Full-Time Students 61
Part-Time Students 61
Criminal Justice 110

Curfew 46
Cybersecurity....90
Darrell R. Strait Center for the Integration of Science and Christian Faith 170
Declaring an Academic Major....58
Degree Requirements 53
General Education and Graduation Requirements .77
Graduation Requirements....79
Department of Accounting 83
Accounting & Information Assurance Major....84
Accounting Major 83
Department of Art....125
Art Education Major....129
Commercial Art....127
General Art....126
General Art Minor....129
Graphic Design....128
Mission Statement....125
Department of Athletic Training....149
Admission 151
Application Procedures 152
Athletic Training Major 153
ATP Goals....150
Clinical Education....153
Mission Statement....149
Sports Medicine 153
Department of Behavioral Sciences....103
Certificate in Child Care Work 110
Criminal Justice Major....110
Minor in Counseling 107
Minor in Criminal Justice....111
Minor in Gerontology....110
Minor in Military Science 112
Minor in Psychology....107
Minor in Social Welfare....108
Mission Statement....103
Psychology Major 104
Pre-Physical Therapy....106
Psychology Major with emphasis in 105
Social Work Major....108
Sociology Major....109
Department of Biology 154
Biology Education Major 156
Biology Major 155
Biology Minor....156
Core Curriculum....154
Mission Statement....154
Department of Business Administration
Computational Finance Major....85
Economics/Finance Major....85
General Business Major 87
International Business Major....85
Management Major 86
Marketing Major 86
Public Relations Major....86
Sports Marketing Major 86
Department of Chemistry and Physics.... 156
Chemistry Education Major 158
Chemistry Major 158
Chemistry Minor 158
Mission Statement 156
Physics Major.... 159
Physics Minor.... 161
Pre-Engineering.... 160
Unified Science Teaching Certification Grades 9 - 12 161
Department of Christian Ministry.... 96
Christian Ministry Major.... 96
Concentration in Children's Ministry 97
Concentration in Cross-Cultural Ministry 97
Concentration in Educational Administration in the Church.... 97
Concentration in Pastoral Ministry.... 96
Concentration in Youth Ministry.... 98
Intercultural Studies Major.... 98
Department of Computer & Information Sciences 87
Computer Information Science Major.... 88
Computer Science Education Major.... 89
Computer Science Major.... 88
Core Curriculum.... 88
Cybersecurity Major.... 90
Web Systems and Design Major 90
Department of Education 112
Associate Degrees in Teaching 116
Elementary Education 113
Middle School Certification 114
Mission Statement 112
Secondary Education.... 116
Department of Extended Learning.... 193
Department of Health Sciences.... 182
Community Paramedic Certificate 182
Emergency Medical Technology-Basic.... 182
Emergency Medical Technology-Paramedical.... 182
Health Sciences 183
Department of History and Political Science.... 119
History Major 120
Minor in History.... 121
Minor in Political Science 122
Mission Statement 119
Political Science Major 121
Prelaw.... 124
Social Science Education Major.... 122
Department of Kinesiology.... 117
Exercise Science Major.... 118
Mission Statement 117
Physical Education Certification 117
Sport Management Major.... 118
Department of Language and Literature 134
English as a Second Language (ESL) Minor.... 138
English Major.... 135
English Minor.... 137
Mission Statement 134

Spanish Education Major....139
Spanish Major....139
Spanish Minor....139
Writing Major....136
Writing Minor....137
Department of Mathematics....163
Certification for Teaching High School (Mathematics 9-12)....164
Mathematics Major....163
Mathematics Minor....164
Mission Statement....163
Department of Music....140
Applied Music....141
Applied Music Placement Tests....140
Church Music Major....145
Church Music Minor....147
Ensemble Requirements....142
General Music....143
General Music Minor....147
General Requirements....140
Jury Examination....141
Keyboard as Primary Applied Area....142
Mission Statement....140
Music Education....143
Music Handbook....142
Music Major with Elective Studies....146
Performer's Certificate....146
Piano Pedagogy Certificate....146
Piano Pedagogy Minor....147
Piano Proficiency Examinations....141
Recital Requirements....142
Theory Placement Tests....141
Department of Physical Therapy....168
High School Early Acceptance Program....168
Department of Radiography....187
Mission Statement....187
Department of Theology....99
Biblical Studies Major....100
Christian Studies Major....100
Religion and Philosophy Major....100
Department of Undergraduate Nursing – Springfield....173
Departmental Examination....30
Dependent of Missionary Scholarship....39
Direct Plus Loan (Parent loan)....41
Directory....277
Disabilities....24
Drug-Free Schools and Communities Act....iv
Dual Credit....21
Dual Enrollment....21
Dutile Scholars Award....37
Early Admission....21
Economics/Finance....85
Elementary Education....113
Emergency Medical Technology-Basic....182
Emergency Medical Technology-Paramedical....182
English....135
English as a Second Language (ESL) Minor....138
English Minor....137
English Placement Guidelines....25
ACT Scores....25
SAT Scores....26
Enrichment Opportunities....65
Fulbright Scholar Program....66
Independent Study....65
International Studies Program....65
Examinations
British A Level Examinations....27
College-Level Examination Program (CLEP)....29
Credit By Examination....29
Departmental Examination....30
International Baccalaureate....28
Exercise Science....118
Faculty....281
Faculty Advisor....56
Faculty, Emeriti....291
Family Educational Rights and Privacy Act....iv
Federal College Work Study....40
Federal Direct Subsidized Loan....40
Federal Direct Unsubsidized Loan....40
Federal Nursing Loan....40
Federal Pell Grant....40
Federal Perkins Loan....40
Federal Supplemental Educational Opportunity Grant....40
Fees
Graduation Fees....32
OLIS (Online Independent Study) Fees....32
Online Course Fees....32
Part-Time Student Fees....32
Special Fees (Non Refundable)....32
Fellowship Organizations....49
Final Examinations....58
Freshman Admission....19
Full-Time Student....56
General Academic Regulations
Administrative Withdrawal....60
Attendance....59
Audit....57
Changes of Enrollment....59
Changing an Academic Major....58
Credit Check – Degree Audit....58
Declaring an Academic Major....58
Final Examinations....58
Load Limit for Credit Hours....57
Pass-Fail Option....58
Repeating Courses....57
Withdrawing from (Dropping) a Class....59
Withdrawing from School....60
General Art....126
General Art Minor....129
General Business....87

General Education
Mission Statement 77
General Education Requirements 77
General Music Minor 147
Geneva Casebolt College of Music, Arts and Letters 125
Art Education Major 129
Bob R. Derryberry School of Communication Arts 130
Church Music Major 145
Church Music Minor 147
Commercial Art 127
Communication Major 130
Communication Minor 133
Department of Art 125
Department of Language and Literature 134
Department of Music 140
English as a Second Language (ESL) Minor 138
English Major 135
English Minor 137
General Art 126
General Art Minor 129
General Music 143
General Music Minor 147
Graphic Design 128
Journalism/Mass Communication 131
Mission Statement 125
Music Education 143
Musical Theatre Minor 134
Organizational and Strategic Communication 131
Performer's Certificate 146
Piano Pedagogy Certificate 146
Piano Pedagogy Minor 147
Spanish Education Major 139
Spanish Major 139
Spanish Minor 139
Speech Communication and Theatre Education 133
Speech Communication and Theatre Minor 134
Theatre Major 132
Theatre Minor 133
Writing Major 136
Writing Minor 137
Glossary of Academic Terms 56
Credit Hour 56
Faculty Advisor 56
Full-Time Student 56
Grade Points 56
Grading System 56
Incomplete Grades 56
In-Progress Grades 57
Grade Appeal Policy 63
Grade Points 56
Grades
Credit Hour Restrictions 61
Grade Appeal Policy 63
Grade Points 56
Grading System 56
Incomplete Grades 56
In-Progress Grades 57
Grading System 56
Grade Appeal Policy 63
Graduation Fees 32
Graduation Requirements 79
Grants
Access Missouri Program 39
Federal Pell Grant 40
Opportunity Grant 40
Graphic Design 128
Health Sciences 183, 184
History 120
History of the University 7
Honor Roll 55
Honors Graduation 56
Honors Program, Gordon & Judy Dutile 73
Academic Component 73
Eligibility Requirements 73
Honors Program Graduation Requirements 73
Housing
Cancellation of Housing 46
Commuter Status Policy 46
Off-Campus Housing 46
Identification Card 47
Incomplete Grades 56
Independent Study 65
Information and Technology Services 17
Ingman Distinguished Scholars Award 37
In-Progress Grades 57
Integration of Science and Christian Faith Minor 170
Intercultural Studies 98
Interdisciplinary Studies Program 75
International Baccalaureate 28
International Business 85
International Student Admission 21
International Studies Program 65
Consortium for Global Education 66
Council for Christian Colleges and Universities 66
Fulbright Scholar Program 66
J.R. Maupin Founders Award 36
Jeanne Clery Disclosure of Campus Security Policy and Campus Crime Statistics Act iii
Journalism/Mass Communication 131
Late Registration Finalization 33
Bolivar 33
Mountain View 33
Salem 33
Springfield Campus 33
Libraries, University ..... *See* University Libraries
Life Beautiful Award 52
Life Service Award 52
Load Limit for Credit Hours
Additional Hours Without Special Permission 57
Loans

Alternative Loan Program....41
Direct Plus Loan (Parent loan)....41
Federal Direct Subsidized Loan....40
Federal Direct Unsubsidized Loan....40
Federal Nursing Loan....40
Federal Perkins Loan....40
Majors Offered....68
Management....86
Marketing....86
Mathematics....163
Mathematics Minor....164
Mathematics Placement Guidelines....25
ACT Scores....25
SAT Scores....26
Medical Technology....167
Mercy College of Nursing and Health Sciences....173
Associate of Science in Nursing....176
Bachelor of Science in Nursing (RN-BSN)....173
Community Paramedic Certificate....182
Department of Health Sciences....182
Department of Radiography....187
Department of Undergraduate Nursing – Springfield....173
Emergency Medical Technology-Basic....182
Emergency Medical Technology-Paramedical....182
Health Sciences....183
Mission Statement....173
Radiography....187
Middle School Certification....114
Military Science....112
Minors - Baccalaureate level....70
Mission of the University....5
Missouri Educator Profile....113
Missouri General Education Assessment....113
Missouri Minority Teaching Scholarship....39
Modern Languages....139
Music Education....143
Music Scholarship....38
Musical Theatre Minor....134
Non-Degree Seeking Students....24
Nursing....173
OLIS (Online Independent Study) Fees....32
Online Course Fees....32
Online Courses
Enrollment....193
Grade Documentation....196
Grade Record and Transcript....196
Grading System....196
Non-SBU Student....194
Refunds....194
SBU Students....195
Tuition and Fees....32
Withdraw....193
Online Dual Credit....194
Enrollment....194
Withdraw and Refund....194
Online Independent Study (OLIS)....194
Organizational and Strategic Communication....131
Organizations....48
Part-Time Student Fees....32
Pass-Fail Option....58
Payment of Accounts....33
Student's Financial Responsibility....33
Pell Grant....40
Performance Scholarships....38
Physical Education....117
Physics....159
Physics Minor....161
Piano Pedagogy Minor....147
Pike Scholars Award....37
Political Science....121
Pre-Engineering....160
Pre-Health....166
Prelaw....124
Pre-Physical Therapy....106, 165
Pre-Professional Studies....165
Presidential Scholars Award....37
Principles and Expectations....8
Private Scholarships....39
Professional Organizations....48
Psychology....104
Public Relations....86
Radiography....187
Recognitions....55
Honor Roll....55
Honors Graduation....56
Refund Policy
Housing and Board Refunds....34
OLIS Course Refunds....34
Special Circumstance Tuition Refunds....34
Registration Procedures....33
Registration for the Bolivar campus....33
Registration for the Mountain View or Salem Campuses....33
Registration for the Springfield campus....33
Religion and Philosophy....100
Repeating Courses....57
Robert W. Plaster College of Business and Computer Science....81
Accounting & Information Assurance Major....84
Accounting Major....83
Associate of Applied Science in Business....91
Associate of Science in Business....91
Computational Finance Major....85
Computer Information Science Major....88
Computer Science Education Major....89
Computer Science Major....88
Core Curriculum....82
Cybersecurity Major....90
Department of Accounting....83
Department of Business Administration....84
Department of Computer & Information Sciences....87

Economics/Finance Major....85
General Business Major....87
General Information....82
International Business Major....85
Management Major....86
Marketing Major....86
Minors....91
Mission Statement....81
Public Relations Major....86
Sports Marketing Major....86
Web Systems and Design Major....90
SAT Scores....26
Satisfactory Academic Progress -Financial Aid....41
SBU Residency Grant....37
SBU Sibling Scholarship....39
Scholarships....35
Art Scholarship....38
Athletic Scholarship....38
Board of Trustees Scholars Award....37
Church Matching Scholarship....38
Dependent of Missionary Scholarship....39
Dutile Scholars Award....37
General Regulations....36
Ingman Distinguished Scholars Award....37
J.R. Maupin Founders Award....36
Missouri Minority Teaching Scholarship....39
Music Scholarship....38
Performance Scholarships....38
Pike Scholars Award....37
Presidential Scholars Award....37
SBU Residency Grant....37
SBU Sibling Scholarship....39
Speech and Debate Scholarship....38
Theatre Scholarship....38
Science and Christian Faith....170
Second Bachelor's Degree....54
Secondary Education....116
Service And Leadership Training....51
Social Science Education....122
Social Work....108
Sociology....109
Spanish....139
Spanish Education....139
Spanish Minor....139
Special Fees (Non Refundable)....32
Speech and Debate Scholarship....38
Speech Communication and Theatre Education....133
Speech Communication and Theatre Minor....134
Spiritual Life and Ministry....49
Chapel....49
Community Life & Worship....49
Community Life & Worship Graduation Requirements....49
Mission Participation....50
Small Groups....50
Sport Management....118
Sports Marketing....86
Sports Medicine....153
Statement of Doctrine....7
Student and Alumni Awards....51
Student Health Services....47
Student Life....45
Student Behavior....45
Student Orientation....45
Student Residence....45
Student Organizations....48
Academic Organizations....48
Fellowship Organizations....49
Professional Organizations....48
Student Association....48
University Activities Council....48
Student Orientation....45
Student Residence....45
Student Services....47
Career Services....47
Counseling and Testing....47
Student Health Services....47
Wellness and Sports Center....48
Success Center....71
Teaching Certificates....70
Technology Services....17
Theatre....132
Theatre Minor....133
Theatre Scholarship....38
TOEFL....21
Transcripts....35
Transfer Student Admission....20
Trustees....277
Tuition and Fees....31
Branch Campuses....32
Dormitory Fees....32
Part-Time Student Tuition and Fees (Bolivar)....32
Summer....32
Winterfest....32
Tuition Refund Policy....34
Unified Science Teaching Certification Grades 9 - 12....161
University
Core Values....5
History of the University....7
Mission of the University....5
Principles and Expectations....8
Statement of Doctrine....7
Vision Statement....5
University Activities....50
Athletics....50
Debate and Forensics....51
Music Ensembles....51
Theatre....51
University Directory....277
University Libraries....13
University Publications....50

Catalog 50
SBU Life 50
University Scholarships 35
General Regulations 36
University Success Center 71
Veterans 29
Veterans' Benefits 41
Vision Statement 5
Web Systems and Design 90
Welcome Week 45
Wellness and Sports Center 48
Who's Who Nomination 52
Withdrawing from (Dropping) a Class 59
Withdrawing from School 60
Writing 136
Writing Minor 137