

Southwest Baptist University

2012 - 2013
Catalog

Volume 97 - Issue 2

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)

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SBU LIFE: CATALOG EDITION 2012-2013

SBU Life (USPS 507-500) is published in February, April, July and November. It is distributed free for alumni, parents and friends of Southwest Baptist University by the Office of Marketing and Communications, 1600 University Ave., Bolivar, MO 65613. Periodical postage paid at Bolivar, Mo., and additional mailing offices. *SBU Life* highlights the University's mission: to be a Christ-centered, caring academic community preparing students to be servant leaders in a global society. SBU does not discriminate on the basis of race, color, creed, national origin, gender, age, marital status or disability.

Address Change: Postmaster, send address changes to Southwest Baptist University, 1600 University Avenue, Bolivar, MO 65613-2597.

PREFACE

2012-2013 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 February 1, 2011. Information about fees and expenses, financial aid, and scholarships applies to the academic year 2012-2013. 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, 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 is directed to the Vice President for Administration, Southwest Baptist University, 1600 University Avenue, Bolivar, MO 65613. The Vice President for Administration has been designated by Southwest Baptist University to coordinate the institution's efforts to comply with the regulations implementing Title VI, Title VII, Title IX. Any student having inquiries concerning Southwest Baptist University's compliance with the regulations implementing the American Disabilities Act or Section 504 is directed to the Vice President for Enrollment Management. Any person may also contact the Assistant Secretary for Civil Rights, U.S. Department of Education regarding the institution's compliance with the regulations implementing Title VI, Title VII, Title IX, or Section 504.

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 Dean of Students, 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 Dean of Students, 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 are 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:

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

John Credille
Registrar
Southwest Baptist University
1600 University Ave.
Bolivar, MO 65613
OFFICE: (417) 328-1996
FAX: (417) 328-1514
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.

Accreditation

Southwest Baptist University is accredited by:

The Higher Learning Commission and a member of the North Central Association of Schools and Colleges

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

Commission on Accreditation of Athletic Training Education

2201 Double Creek Drive
Suite 5006
Round Rock, TX 78664
(512) 733-9700

Accreditation Council for Business Schools and Programs

7007 College Boulevard, Suite 420
Overland Park, KS 66211
(913) 339-9356

National Association of Schools of Music

11250 Roger Bacon Drive, Suite 21
Reston, VA 20190
(703) 437-0700

Commission on Accreditation in Physical Therapy Education

1111 North Fairfax Street
Alexandria, VA 22314
(703) 706-3245
accreditation@apta.org

National League for Nursing Accrediting Commission

3343 Peachtree Road NE Suite 850
Atlanta, GA 30326
(404) 975-5000
www.nlnac.org

Programs in Education are approved by:

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

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

Affiliations

The University is a member of the **Council for Christian Colleges and Universities**, the **Association of Southern Baptist Colleges and Schools**, the **Missouri Baptist Convention**, the Consortium of Global Education, the International

Association of Baptist Colleges and Universities, and the **National Association of College and University Business Officers.**

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UNIVERSITY CALENDAR 2012-2013

FALL SEMESTER 2012

AUGUST

- 11 Adjunct Faculty Orientation (Mountain View & Salem)
- 14 New Faculty Workshop
- 15 Faculty/Staff Workshop (a.m.); Faculty Workshop (p.m.)
- 16-19 Welcome Week for new students
- 16 Move In Day for new students
- 16 Faculty help students move into dorms (a.m.)
- 19 Returning students arrive
- 20 Fall Classes begin - 8:00 a.m.
- 22 Formal Convocation - 10:00 a.m.
- 28 Last day for adding classes
- 31 Last day for adding classes for international students and students returning from active military duty

SEPTEMBER

- 3 Labor Day - no classes
- 7 Undergraduate deadline for December Intent to Graduate Card
- 21 Five-week Grades due for general education courses and graduation requirements
- 22 Parent/Family Day

OCTOBER

- 3 General Education Assessment for all Seniors (10:00 a.m. – 11:30 a.m.)
- 5-6 Homecoming
- 10 Graduate student deadline for December Intent to Graduate Card
- 11 Fall Break begins
- 15 Classes resume – 8:00 a.m.
- 16 Mid-Term Grades Due – 12:00 p.m.
- 17-Nov. 16 Enrollment for Winterfest and Spring classes
- 20 Fall Visitation Day (Admissions Event)
- 26 Last day to withdraw from classes without academic penalty

NOVEMBER

- 7 Major Field Test (8:30-11:00 a.m. and 1:30-4:00 p.m.). Students will be notified of assigned times.
- 10 Fall Visitation Day (Admissions Event)
- 17 Thanksgiving Break begins
- 26 Classes Resume - 8:00 a.m.
- 29 All OLIS work turned in to instructor for December Graduation

DECEMBER

- 10 Last day of classes
- 11-14 Final Examinations
- 13 Commencement – Springfield Campus - 7:00 p.m.
- 14 Commencement – Bolivar Campus - 7:00 p.m.
- 18 All Final Grades due (including OLIS grades) 4:00 p.m.
- 27 Online Winterfest courses begin

JANUARY (WINTERFEST) 2013

JANUARY

- 3 Enrollment-Registration
- 3 Winterfest Begins - 8:00 a.m.
- 4 Last day for adding classes
- 14 Last day to withdraw from classes-without academic penalty
- 19 Final Examinations (Saturday)

SPRING SEMESTER 2013

JANUARY

- 21 Monday @ Southwest (Admissions Event)
- 22 Winterfest Grades due - 4:00 p.m.
- 23 Spring Classes begin - 8:00 a.m.
- 31 Last day for adding classes

FEBRUARY

- 5 Last day for adding classes for international students and students returning from active military duty
- 8 Undergraduate deadline for May Intent to Graduate Card
- 9 Scholars Day
- 18 Monday @ Southwest (Admissions Event)
- 27 Five-week Grades due for general education courses and graduation requirements

MARCH

- 6 General Education Assessment for all Seniors (10:00 a.m.-11:30 a.m.)
- 8 Graduate student deadline for May Intent to Graduate Card

APRIL

- 1 Fast Forward (Admissions Event)
- 5 Last day to withdraw from classes-without academic penalty
- 12-13 Bearcat Days (Admissions Event)
- 17 Major Field Test (8:30-11:00 p.m. and 1:30-4:00 p.m.). Students will be notified of assigned times.

MAY

- 2 All OLIS work turned in to instructor for May Graduation
- 3 Spring Enrollment Day (Admissions Event)
- 13 Last Day of Classes
- 14-17 Final Examinations
- 17 Commencement Rehearsal - 3:00 p.m.
- 18 Commencement - 10:00 a.m.
- 21 All Final Grades due (including OLIS grades) - 4:00 p.m.

- 11-April 19 Enrollment for Summer and Fall classes
- 18 Spring Vacation begins
- 25 Classes resume - 8:00 a.m.
- 26 Mid-Term Grades due - 12:00 p.m.
- 29 Good Friday (no classes)

SUMMER SEMESTER 2013

JUNE

- 3 First 4-Week and 8-Week Sessions begin
- 4 Last day for adding classes for 1st 4-Week Session
- 6 Last day for adding classes for 8-Week Session
- 18 Last day to withdraw from 1st 4-Week Session classes - without academic penalty
- 27 First 4-Week Session ends - Final Examinations

JULY

- 1 Second 4-Week Session begins
- 2 Last Day for adding classes for 2nd 4-Week Session
- 4 Classes will NOT meet (Friday)
- 5 Classes will meet (Friday)
- 8 Last day to withdraw from 8-Week Session classes - without academic penalty
- 16 Last day to withdraw from 2nd 4-Week Session classes - without academic penalty
- 25 2nd 4-Week and 8-Week Sessions end - Final Examinations
- 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
- 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 60 programs of study as they pursue a liberal arts based, career-oriented education. The University is comprised of six colleges: College of Business and Computer Science, 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

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 **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.

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, CatSnack 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 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 University Success Center and the Office of Career Planning and Placement.

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**, **Memorial Hall**, and **Woody Hall**. Residence facilities for men are **Gott Hall**, **Landen Hall**, **Maupin Hall**, **Meyer Hall**, and **Plaster Lodge**, named in honor of Robert W. Plaster. **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. 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 was named in honor of former Missouri Congressman Gene Taylor. This facility houses a Free Enterprise Center, the College of Business and Computer Science, the Department of History and Political Science, the Office of Institutional Effectiveness, several faculty offices, computer labs, several classrooms and **Woody Auditorium**, which contains computer hookups at student desks.
- 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.
- The **Wheeler Science Center** is named in honor of Clarence and Edna Wheeler and houses classrooms, laboratories and offices for mathematics and science programs.

University Libraries

Mission Statement

The University Libraries provides access to, and instruction in, the use of information resources and services that support the academic programs and the university community.

Vision Statement

The University Libraries actively facilitate and share the university's educational program, both on-campus and off-campus by:

- Providing facilities with sufficient space for study and use of information resources in an atmosphere which is conducive to study and research.
- Providing professionally trained librarians and qualified support staff in sufficient numbers to assist the university community with their information needs.
- Providing an organized and readily accessible collection of information resources and access to external resources.
- Providing instruction, in partnership with classroom faculty, in the use of information resources and services which develop skills for lifelong learning and participation and leadership in a global society.
- Researching trends and developing plans that will address the future information needs of the university community.

CONTACT INFORMATION

Harriett K. Hutchens Library

Administration 417-328-1619
 Circulation 417-328-1613
 Hours 417-328-1621
 Media Services 417-328-1627
 Reference 417-328-1604
 Toll Free 800-743-5774

Branch Libraries

Mountain View Campus Library 417-934-5057
 Wisdom Library, Salem Campus 573-729-7071
 Springfield Campus Library 417-820-2103

*** WEBSITE ***

www.sbuniv.edu/library

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 (www.sbuniv.edu/library) 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 "LibGuides" page 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 charter member of MOBIUS, a consortium of 65 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 69,000 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, 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.

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.

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 Research Assistants Desk.

LIBRARY PUBLICATIONS

- Free library 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.

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 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 Missouri two-year colleges that are state-approved 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 Missouri junior/community colleges that are state-approved and from 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. 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 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 their final two years of 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 Office of Career Services 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.

1. Applicants from non-English speaking countries must take the Test of English as a Foreign Language (TOEFL) and score one of the following: a 79 on the internet-based test (IBT); or a 213 on the computer-based test (CBT); or a 550 on the paper test.. Scores must be no more than two years old from the date the examination was taken. To register for the test, each applicant must write to TOEFL Educational Testing Service; Princeton, New Jersey 08540; U.S.A. or go to the website www.toefl.org

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.
2. 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.
 3. Official credentials indicating all secondary and college work must be submitted to the Admissions Office with the formal application forms. Admissions status cannot be determined until all documents are on file. 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. All international students accepted for admission to Southwest Baptist University are required to purchase a 12-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 \$150 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. 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 \$150 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.
- 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 Educational Perspectives www.educational-perspectives.org. The student **must** request the course-by-course or detailed report evaluation. The fee for this service is \$140-\$175 U.S. currency and must be paid by the student.
 - 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.
 - 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.**
 - All international students accepted for admission to Southwest Baptist University are required to purchase a 12-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.
 - 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.

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 Admissions. All decisions made by the Admissions Committee are final and will be communicated to the applicant in writing.

Disclosure of Disabilities

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.

Because scheduling of classes, arranging housing in accessible facilities, and providing special academic assistance may require reasonable advance planning by the University, applicants with disabilities who have been accepted for admission are required to return the Disclosure of Disability form as soon as possible but no later than one month before the start of the semester of admission; this disclosure should indicate the nature (type, kind) of accommodation needed.

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	Beginning College Survey of Student Engagement Faculty Evaluations & Campus Surveys	Fall, Welcome Week Each semester, various times
Sophomores	National Survey of Student Engagement Faculty Evaluations & Campus Surveys	Spring, 3 rd party – web-only Each semester, various times
Juniors	Faculty Evaluations & Campus Surveys	Each semester, various times
Seniors	General Education Assessment Major Field Test/ Exit Exams National Survey of Student Engagement Faculty Evaluations & Campus Surveys	Fall, October 3, 10:00 a.m.; Spring, March 6, 10:00 a.m. Fall, Nov 7 or Spring, April 17 Spring, 3 rd party – web-only Each semester, various times
Graduate	Program Specific Exit Exams	Prior to graduation

	Satisfaction Surveys Faculty Evaluations& Campus Surveys	Various times Each semester, various times
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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 Scores		
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.

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 or 2283*
9-10	13-18	not applicable	MAT 1143 or 2283*
11-12	not applicable	not applicable	MAT 1143 or 2283*
13-18	1-12	not applicable	MAT 1143 or 2283*
13-18	13-18	1-13	MAT 1163**, 1193, 1143 or 2283*
14-18	14-18	14-18	MAT 1195 , 1193, 1163**, 1143 or 2283*

* MAT 2283 is open to Elementary and Middle School Education majors only.

**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 Comp. 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 pay \$40 per credit hour to the Accounting Office (Cashier); then the Registrar will record the hours on the student's transcript.

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 Analytics & Calculus I
Calculus BC	3	10	MAT 1195 Analytics & Calculus I & MAT 2255 Analytics & Calculus II
Chemistry*	3	4	CHE 1104 Principles of Chemistry
Chemistry*	4	5	CHE 1115 General Chemistry I
Computer Science A	3 4 or 5	3 4	CIS 1033 Foundations of Computer Science CIS 1144 Computer Science I
Computer Science AB	3 4 or 5	3 4	CIS 1033 Foundations of Computer Science 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	3	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 and Politics
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 4 or 5	3 4	MUS 1603 Music Fundamentals MUS 1613 Theory I <i>and</i> MUS 1611 SS/ET I
Physics B*	3	3	PHY 2000 level elective
Physics C: Mechanics*	3	4	PHY 1115 General Physics I
Physics C: Mechanics*	4	5	PHY 2215 University Physics I
Physics C: Electricity and Magnetism*	3	4	PHY 1124 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 <i>or</i> 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, 1492-1877 <i>and</i> History of the US, 1877-Present
World History	3	6	HIS 1113/1123 World Civilization I <i>and</i> 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

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

International Baccalaureate

- 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.
- 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.
- Contact the Registrar to inquire about an exam not listed below.
- Official transcripts must be issued by the International Baccalaureate North American Office and be on file in the Registrar's office.
- Qualifying examinations in the sciences that do not include an extensive laboratory component will receive credit for a maximum of 3 semester credit hours.
- 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
				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 2953
Biology (with extensive lab work)		5	BIO 1954	4	BIO 1954
Chemistry (without extensive lab work)				4	CHE 1000

	MINIMUM SCORE (Standard Level exam)	SBU Equivalency	MINIMUM SCORE (Higher Level exam)	SBU Equivalency
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)

Career Services, located in the office suite of Mabee Chapel, administers the College-Level Examination Program (CLEP). This is a national system of credit-by-examination prepared by Educational Testing Services. Contact Career Services for the cost of these exams. 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, the student must pay \$40 per credit hour to the Accounting Office (Cashier); then the Registrar will record the hours on the student's transcript.

CLEP Exam Title	Required Score	Hours Granted	SBU Equivalent Course
Composition and Literature			
American Literature **	50	3	ENG 2000 level elective
Analyzing and Interpreting Literature **	50	3	ENG 2000 level elective

College Composition	50	3	ENG 1113 English Composition I
English Literature **	50	3	ENG 2000 level 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	6	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	6	GER 2213/2223 Inter. German I/Inter. German 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	6	SPA 2213/2223 Inter. Spanish I/Inter. Spanish II
Social Sciences 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, 1492-1877
History of US II: 1865 to the Present	50	3	HIS 2223 History of the US, 1877-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 Analytics and Calculus I
College Algebra	50	3	MAT 1143 College Algebra
PreCalculus	50	3	MAT 1163 PreCalculus
Business			
Principles of 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 to the Accounting Office (Cashier); then the Registrar will record the hours on the student's transcript.

FINANCIAL INFORMATION

Tuition and Fees for Undergraduates

At Southwest Baptist University we strive to partner with you and your family to make your Southwest Baptist University education a reality. Financial support, which the school receives from the Missouri Baptist Convention, the Bolivar community, alumni, and other sources, enables the institution to keep expenses for the student below that of most private, higher education institutions. **The University reserves the right to adjust or revise the charges at any time during the year.** Students are encouraged to keep their personal finances within moderate limits. The student should also budget for personal and transportation expenses as well as reasonable amounts for clothing, entertainment, and incidental expenses. All students, whether on or off campus, need to have adequate health insurance. Insurance may be purchased through the University if the student does not have health insurance otherwise.

The University does not provide banking services on campus. There are several banks in Bolivar, all of which provide for personal accounts. Brochures for these accounts can be found at the Cashiers' window in the foyer of the Sells Administration Building. An ATM is available on campus for the convenience of our students. All students working for the University will be paid by direct deposit. Therefore, for this purpose, student employees of the University must have an active checking or savings account on which their names show as one of the owners of the account.

Enrollment Deposit..... \$150

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

	Per Semester	Total Fall/Spring
Tuition (12 - 18 hours)	\$9,180	\$18,360
Tuition above 18 hours - per credit hour- \$620		
Room – Standard Dorm Room With Fees	\$1,575	\$3,150
Cafeteria – Standard 20 Meal Plan	\$1,600	\$3,200
Mandatory Fees – Student Services Fees	\$395	\$790
Total Tuition Room, Board and Fees for Standard Undergraduate Accommodations in University Housing*	\$12,750	\$25,500

Undergraduate Tuition, Fees, in Off-campus Housing

	Per Semester	Total Fall/Spring
Tuition (12-18 hours)	\$9,180	\$18,360
Tuition above 18 hours - per credit hour- \$620		
Mandatory Fees – Student Services Fees	\$395	\$790
TOTAL Tuition & Fees for Off-campus Housing*	\$9,575	\$19,150

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. 25 and following for this important information.

*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.....	\$170
Salem.....	\$170
Springfield	
General courses.....	\$205
A.S.N. courses.....	\$405
B.S.N./HSC courses.....	\$310
ASN Special Assessment Fee per semester.....	\$180
ASN Lab Fee per semester.....	\$160
Radiology courses.....	\$200
Professional fees for nursing courses are listed in the catalog description of courses.	
Auditing Fee.....	Half the credit hour tuition
Mandatory Fees - per semester	
Assessment fees	
Less than full time.....	\$20
Full time (12 hours or more).....	\$25
Technology fee (12 or more hours per semester).....	\$130
Technology fee (6 to 11 hours per semester).....	\$110
Technology fee (Less than 6 hours per semester).....	\$105

All mandatory fees are non-refundable

J-Terms (January, June, July)

Summer (June and July) 2012 Costs (Bolivar campus)

Undergraduate

Tuition.....	\$275 per credit hour
Dorm room.....	\$420 per term/\$110 per week
15 Meal Plan.....	\$430 per term/\$115 per week
Student Services fee.....	\$75 per term

Winterfest (January) 2013 Costs (Bolivar campus)

Undergraduate

Tuition.....	\$275 per credit hour
Dorm room.....	\$315 per term/\$115 per week
20 Meal Plan.....	\$430 per term/\$150 per week
Student Services fee.....	\$65 per term

OLIS (Online Independent Study) Course Fees

Tuition - per credit hour.....	\$170
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.....	\$30

Part-Time (less than 12 hours)

Student Fees (Bolivar campus)

Undergraduate tuition - per credit hour.....	\$715
Undergraduate audit - per credit hour.....	\$358
Dually Enrolled tuition - per credit hour.....	\$215
Polk County Opportunity tuition - per credit hour.....	\$215
Student Services fee - per semester	
1-5 hours.....	\$160
6-11 hours.....	\$364

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
Transcribing fee - per credit hour.....	\$40
Dishonored check fee.....	\$25
Lab/course fees.....	see course descriptions
Late registration fee.....	\$175
Fee for withdrawal from class after last day to add classes - per class.....	\$25
Student teaching fee.....	\$300

Applied Music Fees

Private lessons - per hour per semester.....	\$175
Practice room fee - per semester.....	\$25

Graduation Fees

Associate of Arts.....	\$75
Associate of Applied Science.....	\$75
Associate of Science in Nursing*.....	\$145
Associate of Science.....	\$75
Bachelor of Arts.....	\$75
Bachelor of Science.....	\$75
Bachelor of Applied Science.....	\$75
Bachelor of Science in Nursing**.....	\$130
Bachelor of Music.....	\$75
Master and Specialist.....	\$85
Doctor of Physical Therapy.....	\$190

*Includes fees for photos for Missouri State Board of Nursing NCLEX Application and ASN nursing pin.

**Includes fee for BSN nursing pin.

Registration Procedures

Registration (Bolivar campus only)

The registration process consists of the following events:

1. **Paying a \$150** registration pre-payment.
2. **Registering for classes** with advisor.
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, which must be met to avoid a late registration fee.

Registration (Springfield campus/College of Nursing only)

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/CON campus for details).
2. **Current SBU Springfield/CON ASNBSN/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.

Late Registration Finalization (Springfield campus/College of Nursing 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.

Registration at Branch Campuses

For information about registration at branch campuses and off-campus sites, prospective students should contact specific branch campuses and off-campus program sites.

Late Registration Finalization

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 \$175.**

Those students not registered by the first day of classes will **not** be immediately billed the \$175 fee. However, the students should be prepared to register and finalize registration at the time of selecting their classes. The late registration fee of \$175 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 as provided by the University. Complete information on such payment arrangements may be made with the University's Credit and Collections Manager.

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 ARE 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 Credit and Collections Manager.** 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	Winterfest/Four-Week	Eight-Week
Prior to first day of class	100%	100%	100%
During first 5 class days of semester or term	100%	75%	100%
During next 5 class days of semester or term	75%	50%	75%
During next 5 class days of semester or term	50%	0%	25%

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 daily. Therefore, if classes for the term begin on Tuesday for a given term or semester, then from that first Tuesday through the following Monday will count as the first five class days. If classes for a given term or semester begin on Monday, but the first class is not until Friday, for purposes of the refund calculation, by the end of that Friday, the first five class days of the term will have expired.

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.

Registration Pre-payment Refund

(Bolivar campus)

A registration pre-payment of \$150 is required for all students registering for classes in the fall. The deadline for the request for a refund must be made by the following dates:

Fall semester.....July 1

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 dayNo 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. **Scholarships are not available for graduate studies.**
4. Failure to abide by regulations regarding academic achievement and conduct may result in cancellation of the scholarship.

5. 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.)
6. 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.
7. 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.
8. All scholarships require a 2.00 minimum GPA for renewal, unless otherwise stated.
9. Institutional and non-institutional aid may not exceed the total cost of attendance. In such instances, institutional aid will be reduced.
10. 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, 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 \$9,000. Students must be enrolled full-time and maintain a 2.00 cumulative GPA for annual renewal.

Pike Scholars Award

This academic scholarship is valued at \$8,500. Students must be enrolled full-time and maintain a 2.00 cumulative GPA for annual renewal.

Board of Trustees Scholars Award

This academic scholarship is valued at \$8,000. Students must be enrolled full-time and maintain a 2.00 cumulative GPA for annual renewal.

Presidential Scholars Award

This academic scholarship is valued at \$7,000. Students must be enrolled full-time and maintain a 2.00 cumulative GPA for annual renewal.

SBU Achievement Grant

This grant is valued at \$4,000. Students must be enrolled full-time and maintain a 2.00 cumulative GPA for annual renewal.

Academic Scholarships Transfer Students

J.C. Pike Transfer Award

This academic scholarship is valued at \$7,000. Students must be enrolled full-time and maintain a 2.00 cumulative GPA for annual renewal.

Board of Trustees Transfer Award

This academic scholarship is valued at \$6,000. Students must be enrolled full-time and maintain a 2.00 cumulative GPA for annual renewal.

Presidential Transfer Award

This academic scholarship is valued at \$5,000. Students must be enrolled full-time and maintain a 2.00 cumulative GPA for annual renewal.

SBU Transfer Grant

This grant is valued at \$3,500. Students must be enrolled full-time and maintain a 2.00 cumulative GPA for annual renewal.

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. Scholarships are awarded on the basis of portfolio review, past achievements in art, recommendation from high school art teacher, and academic record, including high school and ACT scores. Scholarship forms may be obtained from the Department of Art or by going to <http://www.sbuniv.edu/art/shipinfo.htm>. Inquiries should be directed to 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 Cindy Rice, Private Scholarship Coordinator. 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 \$4,600 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 \$5,550 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 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 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 interest rate will not exceed 6.8%.

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 6.8%. 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 7.9%. 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 Academic Progress Policy

Full-time students normally acquire the number of credit hours necessary for graduation at Southwest Baptist University in eight semesters. Full-time students are those enrolled in 12 or more credit hours per semester. Students should complete a minimum of 16 credit hours every semester to graduate in eight semesters. Although some programs may require more than eight semesters to complete, eligibility for federal financial aid expires after 18 semesters for full-time students. This limit is prorated for longer periods of time for students enrolled less than full-time.

For students to be in acceptable academic standing in order to represent SBU in extra-class activities, they must achieve academic standing that is at or above the special guidance level for their class standing.

Federal regulations governing the administration of the Federal Pell Grant, the Federal Perkins Loan, the Federal Supplemental Educational Grant (FSEOG), the Federal College Work-Study Program (FCWSP), the Federal Stafford Loan program and the Federal Parent Loan program (FPLUS) for undergraduate students require that eligible institutions define and enforce standards of progress for students receiving financial aid. To comply with that legislation, the following standards of satisfactory academic progress have been established at Southwest Baptist University. All recipients of the above mentioned forms of financial aid as well as all state and institutionally funded programs are subject to these standards for renewal of their financial aid. Institutional financial aid programs are available for eight semesters only. Unusual circumstances would justify an appeal to the Office of Financial Aid.

Minimum Standards Required

1. **Full-time students** should successfully complete at least 24 credit hours each academic year and maintain cumulative GPAs according to the schedule below. Students awarded by the semester (rather than annually) must complete a minimum of 12 hours per semester and follow the GPA requirements below.

At the end of	Credit Hours	Cumulative GPA
2 semesters	24	1.60
4 semesters	48	1.77
6 semesters	72	1.90
8 semesters	96	2.00
10 semesters	120	2.00

Advanced placement or CLEP credits are not considered for this requirement. Repeated courses may be considered if approved by the Provost.

2. **Three-quarter time students** enrolled for 9, 10, or 11 credit hours must successfully complete at least 9 credit hours each semester and 18 credit hours each academic year and maintain cumulative GPAs according to the schedule below.

At the end of	Credit Hours	Cumulative GPA
2 semesters	18	1.60
4 semesters	36	1.77
6 semesters	54	1.77
8 semesters	72	1.90
10 semesters	90	2.00
12 semesters	108	2.00
14 semesters	126	2.00

Advanced placement or CLEP credits are not considered for this requirement. Repeated courses may be considered if approved by the Provost.

3. **Half-time students** enrolled for 6, 7, or 8 credit hours must successfully complete at least 6 credit hours each semester and 12 credit hours each academic year and maintain cumulative GPAs according to the schedule below.

At the end of	Credit Hours	Cumulative GPA
2 semesters	12	1.60
4 semesters	24	1.77
6 semesters	36	1.77
8 semesters	48	1.85
10 semesters	60	1.85
12 semesters	72	1.85
14 semesters	84	1.90
16 semesters	96	2.00
18 semesters	108	2.00
20 semesters	120	2.00

Advanced placement or CLEP credits are not considered for this requirement. Repeated courses may be considered if approved by the Provost.

4. Students who have attempted at least two semesters and are not making satisfactory academic progress (SAP) may submit a written appeal to the Office of Financial Aid. The appeal must include why the student failed to make SAP, and what has now changed that will allow the student to be successful at the next evaluation. If approved by the Office of Financial Aid, the student will be placed on probation and evaluated at the end of the next term. A letter will be sent to the student notifying them they are on probation and what is required to maintain aid eligibility. If the student continues to make progress, aid will be offered on a semester-by-semester basis until completion of coursework. If the student who is on probation fails to make SAP, they will have the right to appeal once again to the Office of Financial Aid. If circumstances warrant, they may be given another semester of probation.

If an appeal is denied the student will be asked to complete at their own expense at least one semester of coursework (half-time or greater standing) with at least a 2.00 GPA. Upon successful completion of coursework at their own expense and completion of a written appeal, the student will once again be offered aid on a semester-by-semester basis.

5. **Transfer and readmitted students** who have attended accredited post-secondary institutions will be eligible for financial aid if they are eligible to return to their institutions and meet the following conditions:

- a. Students who have attended college in a full-time capacity for one semester must have successfully completed 9 credit hours.
 - b. Students who have attended college in a full-time capacity for two semesters must have successfully completed at least 24 credit hours in the previous two semesters.
 - c. Part-time students enrolled on a three-quarter time basis (9, 10, or 11 credit hours) must have successfully completed at least 9 credit hours each semester and 18 credit hours each academic year. Part-time students enrolled on a half-time basis (6, 7, 8 credit hours) must have successfully completed at least 6 credit hours each semester and 12 credit hours each academic year.
6. For SAP purposes, awards for students with incompletes (I) may be held until the incomplete status is resolved. If the incomplete status extends into another payment period, the incomplete will be considered as hours attempted and not completed. SAP will be recalculated when and if the incomplete class receives a grade. Students who withdraw and desire to return will have the hours counted as attempted under the quantitative provision of academic progress.

Disbursement of Funds Policy

Acceptance and authorization to credit Federal funds to the student's account is given by the award letter process. 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 delayed until verification of student hours to assure accurate payment of funds. This normally occurs after the 3rd week of class. 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 10, 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. **Maupin Hall** accommodates 72 male students, two per room, with community bath facilities on each floor.
8. **Memorial Hall** accommodates 88 female students, two per room, with community bath facilities on each floor.
9. **Meyer Hall** is a men's dormitory housing 48 students, with two students per room and a bathroom in each room.
10. **Plaster Lodge** accommodates 64 male students.
11. **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.
12. **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 \$20 per diem may apply.

Curfew is required of all first-semester freshmen living on campus unless otherwise waived by the Dean of Students. 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 given 60-minute cumulative "grace time" during the 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 Reservations

Students who cancel housing 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 housing reservations after the fifth day of classes will not receive a refund of semester housing charges.

Cancellations for the summer and January semesters must 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.

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 for identification and library purposes 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, entrance to the dining hall on campus, and access to the campus computer network.

Student Services

Counseling and Testing

Students at Southwest Baptist University have available to them one part-time counselor and one full-time counselor, both professionally trained, to assist with personal and emotional issues. This service is offered without direct cost to students of Southwest Baptist University. The counselors' offices are located within the Behavioral Sciences Department. Testing for educational goals, mental abilities, and personality is available through the counseling offices upon the recommendation from one of the counselors. (See the Credit by Examination section for academic tests.)

Career Services

This office is available to assist students and alumni with career counseling, career assessments, job searches, placement files, resumes, cover letters, and mock interviews. Testing for national and residual tests including ACT, ACT Residual,

Praxis, CLEP and C-BASE is conducted by the Office of Career Services which 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 and staff members as well. 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. **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 a national 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 Southern 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. **Music Educators National Conference** is a student chapter of the national organization and is open to any student interested in teaching music. **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 **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.

Fellowship Organizations

The **English Club** encourages interest and participation in cultural activities that are related to literature and language. **Habitat for Humanity** is open to all students interested in this ministry. The **International Student Association** 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 chosen 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. **Students in Free Enterprise** 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.

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 is 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 Wednesday's – 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 Christlike 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 *Omnibus*, *Mozarkian*, and *SBU Life* are the official publications of the University. Any other publications to be distributed to students, faculty, and staff must have written approval of the Student Services Office. The University reserves all publisher rights and privileges to these publications.

The *Omnibus* is a weekly newspaper produced by a student staff. It contains official announcements for the week, and students are responsible for obtaining the information provided in it. The *Mozarkian* is the yearbook of the University and is produced by a student staff. Both publications are advised by the Director of Student Activities. 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.

Drama

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, Jazz Ensemble, Brass Ensemble, Percussion Ensemble, Woodwind Ensemble, and String Ensemble. All music groups require auditions for membership.

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 is:

- (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 College of Business and Computer Science, which offers the Master of Business Administration (MBA) and the Master of Business Administration with a Health Administration Concentration (MBA 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 Master of Science (M.S.) in Education - Athletic/Activities Administration, and the Education Specialist in Educational Administration (Ed.S.); and in the College of Science and Mathematics, which offers the Doctor of Physical Therapy (D.P.T.). (See the Graduate Programs section of this 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 Nursing degree (B.S.N.), the Bachelor of Music degree (B.M.), the Bachelor of Applied Science degree (B.A.S.), 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.), and the Associate of Science degree (A.S.) are granted by Southwest Baptist University. A Certificate in Theology is given to students completing the two-year theology program.

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, Bachelor of Social Work, and Bachelor of Science in Nursing Degrees

To receive a Bachelor of Arts, Bachelor of Science, Bachelor of Applied Science, Bachelor of Music, Bachelor of Scholar Work, or Bachelor of Science in Nursing 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, recreation and sports management majors). **KIN 1162 does not 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 insure 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 at the Office of the Registrar 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 Health 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 or the summer 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, Associate of Applied Science, Associate of Arts in General Studies, Associate of Science in General Studies, and Associate of Science in Nursing Degrees

None of the associates degrees can be received in conjunction with a bachelor's degree. To receive any of these 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. and A.S.N. 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 at the Office of the Registrar 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.

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.

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

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 incoming freshman 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 within one year. 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 is 16 credit hours, and the normal load for January, June, or July is 4 credit hours, provided students have a minimum cumulative GPA of 2.00. **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 freshmen. 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 students accumulate between 70 and 80 credit hours, they must request a credit check from the Registrar. Students pursuing an associate degree must request a credit check between 30 and 35 credit hours. A credit check reveals the number of semester hours completed, the number of hours and courses currently enrolled in and the courses needed to complete graduation requirements. The accuracy of the credit check is determined and signed by the major department chairman, the advisor, the dean, and the Registrar. Students with double majors and/or minors must have the department chair of each department sign the form.

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 \$25.00 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 Dean of Students.
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 classified as Freshman who have attempted less than 12 semester institutional hours and whose institutional cumulative GPA is less than 2.000. Once the student has 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 (12-29 credit hours)	1.600 - 1.999 1.000 - 1.599 Less than 1.000 No discernible improvement	Academic Difficulty Special Guidance Probation Dismissal	10 semester hours 8 semester hours 6 semester hours
Sophomore (30-63 credit hours)	1.770 - 1.999 1.300 - 1.769 Less than 1.300 No discernible improvement	Academic Difficulty Special Guidance Probation Dismissal	10 semester hours 8 semester hours 6 semester hours
Junior (64-95 credit hours)	1.900 - 1.999 1.600 - 1.899 Less than 1.600 No discernible improvement	Academic Difficulty Special Guidance Probation Dismissal	10 semester hours 8 semester hours 6 semester hours
Senior (96 credit hours)	1.800 - 1.999 Less than 1.800 No discernible improvement	Special Guidance Probation Dismissal	8 semester hours 6 semester hours

Full-Time Students

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

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:
 - (1) Using the ideas or writings of another as one's own;
 - (2) 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.
 - i. 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.
 - ii. Additional examples of plagiarism may be found in the textbooks for English Composition I and II.
 - b. Cheating:
 - (1) To deceive by trickery;
 - (2) To mislead;

- (3) To practice fraud; and/or
- (4) To act dishonestly, as defined in the *American Heritage Dictionary of the English Language, New College Edition* published by Houghton-Mifflin, 1980.

Examples of cheating include, but are not limited to:

- i. Collaborating without authorization.
- ii. Presenting work done by another as one's own, either in part or in whole.
- iii. Altering a paper or other evaluation instrument after the grade has been assigned for the purpose of misrepresenting the student's performance.
- iv. Enlisting another person to take one's evaluation procedure.
- v. Using prohibited sources of information for examinations or other testing procedures.
- vi. Knowingly providing any unauthorized assistance to other students.
- vii. Falsifying or changing information concerning academic achievement.
- viii. 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 Dean of Students and should be reported to the Dean of Students 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 Dean of Students.

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. Graduate 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 opportunities for one or more semesters of study overseas or at other locations within the United States. Overseas study is taken at universities in the host country, and all arrangements for tuition, fees, and credit are managed through SBU.

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 International 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 Office of International 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 Office of International Studies.)

Other International Programs

(For more information contact the Office of International 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. (For more information contact the Office of International Studies.)

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 2011 count toward the 24 hours required from the 2011-12 year.)
- Of those 24 hours, 75% (18 hours) must be earned during the regular academic year – Fall, January, Spring.
- A student must earn a minimum of 6 hours credit the previous semester to be eligible.
- GPA requirements
 - After first year – 1.80
 - After second year – 1.90
 - After third & fourth years – 2.00

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, 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

Undergraduate

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Areas of Study

The academic enterprise of Southwest Baptist University is conducted within the framework of six colleges: 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.	
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 Conc.
Business Administration	B.S.	General Business--Non-traditional
Chemistry	B.A., B.S.	
Chemistry Education	B.S.	
	B.A.	Pastoral Ministry, Educational Administration in the Church, Children's Ministry, Youth Ministry
Christian Ministry	B.S.	Educational Administration in the Church, Children's Ministry, Youth Ministry
Communication	B.A., B.S.	
Computer Information Science	B.S.	
Computer Science	A.S., B.S.	
Criminal Justice	B.S.	
Economics/Finance	B.S.	
Education	M.S.	
Educational Administration	Ed.S.	
Educational Administration	M.S.	
Elementary Education	B.A., B.S.	Early Childhood Education, Art, Health, Physical Education, Spanish, Speech, Middle School (one area)
Emergency Medical Technology	A.A.S.	Basic, Paramedical
English	B.A.	
English Education	B.S.	
Exercise Science	B.S.	
General Studies	A.A., A.S.	
Health Sciences	B.S., A.S.	
History	B.A., B.S.	
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.	

Major	Degree	Concentrations Available
Journalism/Mass Communication	B.A., B.S.	
Management	B.S.	
Marketing	B.S.	
Mathematics	B.A., B.S.	
Medical Technology	B.S.	
Middle School Education	B.A., B.S.	(Select Two) Language Arts, Mathematics, Science, Social Science, Spanish, Speech (Spanish and Speech are second areas of certification)
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	A.S.N., B.S.N., M.S.N	
Organizational and Strategic Communication	B.A., B.S.	
Physical Education	B.A., B.S.	Certification K-12, Certification 9-12, Certification K-9 Health Education Certification K-9, 9-12, K-12
Physical Therapy	D.P.T. (entry-level)	
Political Science	B.A., B.S.	
Psychology	B.A., B.S.	Sports Performance Enhancement
Public Relations	B.S.	
Religion and Philosophy	B.A.	
Social Science Education	B.S.	
Social Work	B.S.W.	
Sociology	B.A., B.S.	
Spanish	B.A.	
Sports Marketing	B.S.	
Sports Management	B.A., B.S.	Business/Fitness and Wellness, Sports Administration/ Business, Commercial Recreation/Business, Sports Administration/Fitness and Wellness, Sports Psychology
Theatre	B.A.	
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 levels

Accounting, Art, Biblical Studies, Biblical Language, Biology, Business Administration, Chemistry, Children's Ministry, Christian Education, Communication, Computer Science, Computer Information Science, Counseling, Criminal Justice, 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), 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, Early Childhood, Elementary, English, Health, Mathematics, Middle School, Music (instrumental, vocal), Physical Education, Social Science, Spanish (K-9), Speech Communication and Theatre, Unified Science: Biology, Unified Science: Chemistry

Certificates

Child Care Work

The Branch Campuses are approved to offer the following degrees:

Salem Center: B.S. in Psychology and B.S. in Sociology

Mountain View: B.S. in Elementary Education and B.S. in Business Administration

Springfield: 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; 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 Administration

A.A.S. Emergency Medical Technology – Basic (Salem campus only)

A.A.S. Emergency Medical Technology – Paramedical (Salem campus only)

A.S. Business Administration

A.S. General Studies

A.S. Health Science (Salem campus only with coordination with Springfield campus)

B.S. Business Administration

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: Ted Bachman, Sherrie Bayer, Allison Langford, Jodi Meadows, Suzanne Powers

http://www.sbuniv.edu/success_center/index.htm

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 developmental advising, delivery of two general education courses (University Seminar and 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 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 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	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, Allison Langford

Office: Mabee Chapel 103

(417) 328-2093

<http://www.sbuniv.edu/Honors/index.htm>

Southwest Baptist University recognizes the leadership potential and academic accomplishments of outstanding students through its Academic Honors Program, which consists of academic, servant leadership, intercultural experiences, and spiritual components, as well as enrichment opportunities and other benefits for honor scholars.

Mission Statement

The mission of the Honors Program is to prepare servant leaders who are recognized for their accomplishments and excellence in academics, intercultural experiences, and spiritual development.

Goals

- To enhance the academic learning of students beyond that received in the typical classroom environment.
- To develop student leaders.
- To provide opportunities for intercultural experiences and intellectual exchange.
- To encourage students to develop a lifelong commitment to spiritual discipline and development.

Eligibility Requirements

1. A composite ACT score of 28 or higher or an SAT I score of 1240 or higher;
2. A high school GPA of 3.50 or higher on a 4.00 scale;
3. A successful interview with the Honors Program Director and Committee; and
4. Successful completion of a writing component at the time of the interview.
5. A maximum of 45 transfer hours for applicants who are transfer students.

Initial enrollment in the Academic Honors Program is limited to the 30 most qualified students per class, who will be selected through a highly competitive process. Students will be notified in writing of their acceptance into the program. Incoming, first-time freshmen will be considered for admission.

Qualifications for Remaining in the Program

In order to remain in the Academic Honors Program at SBU, Honors Scholars must maintain a GPA of 3.25. If the student's grades drop below the minimum requirement, the student will be placed on probationary status within the Honors Program and given one semester to raise his or her GPA to remain in the Honors Program.

Components and Requirements

Honors Scholars are required to fulfill requirements in each of the four components listed below.

Academic Component

*HON 1003 Honors Introduction to Fine Arts	3 hours
*HON 1111 University Seminar	1 hour
*HON 1121 Critical Thinking	1 hour
Electives (two courses chosen from the following)	
*HON 1123 Honors Composition	3 hours
*HON 2003 Honors L.I.F.E. Economics	3 hours
*HON 2013 Honors U.S. History I	3 hours
*HON 2213 Honors Fundamentals of Speech Communication	3 hours
HON 3771 Honors Colloquium	2 hours
HON 477(1-3) Senior Honors Capstone Experience	1-3 hours
* Meets general education requirements	

Servant Leadership Component

Students enrolled in the Honors Program are required to participate in a minimum of one servant leadership activity, as approved by the Honors Program Director and the Honors Program Committee. In order to meet the Servant Leadership

standards, the student is required to not only strengthen his/her current leadership skills, but also become aware of leadership areas that need to be developed.

Servant Leadership Standards:

- The students will provide evidence that their activity is a genuine service to an individual or group.
- The students will provide evidence that leadership skills previously acquired were sharpened and that new leadership skills were obtained.
- The students will describe how their leadership will make a unique contribution to the organization or activity.
- The students will develop and organize appropriate documentation that reveals the progression of the activity/s.

Spiritual Component

Honors scholars will be encouraged to develop a lifelong commitment to spiritual discipline and development, as demonstrated through a spiritual activity which will be approved by the Honors Program Director and the Honors Program Committee. In order to meet the Spiritual Development standards, the student is required to engage in serious, intentional spiritual awareness and development.

Spiritual Development Standards:

- The students will provide evidence that their activity reveals a commitment to spiritual discipline.
- The students will provide evidence that their activity developed new spiritual insight as well as how that new insight was personally applied.
- The students will explain how the activity has added a unique element/s in their spiritual journey.
- The students will read a Christian book or focus on a book from the Bible and describe how the literature influenced their activity and/or their thinking.

Intercultural Experience Component

Students enrolled in the Honors Program are also required to complete an intercultural experience, as approved by the Honors Program Director and the Honors Program Committee. In order to meet the Intercultural Experience standards, the student is required to become engaged in the culture rather than simply share his/her American customs with the other culture.

Intercultural Experience Standards:

- The students will provide evidence that their activity demonstrates an overt effort to engage in another culture.
- The students will provide evidence that their activity reveals an increased appreciation for and awareness of both cultural similarities and differences
- The students will provide documentation of the experience which communicates cultural sensitivity.

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 courses in the proposal. 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

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.). Courses marked with * are approved alternatives for the listed areas.

Communication Studies (9 hours)

ENG 1113	English Composition I <i>and</i> ENG 2213	English Composition II	6 hours
	<i>or</i>		
*#ENG 1123	Honors Composition		
COM 1103	Fundamentals of Speech <i>or</i> COM 2393	Interpersonal Communication	
	<i>or</i> HON/COM 2313	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	
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 2911	Cross-Cultural Service Project (must involve 2 different cultures)	
*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	
*NUR 3393	Transcultural Nursing	

Social Studies (12 hours)

ECO 2003	LIFE Economics <i>or</i> *ECO 2043/HON 2003 Honors LIFE <i>or</i> *ECO 2023 Principles of Microeconomics <i>or</i> *ECO 2033 Principles of Macroeconomics	3 hours
POL 1113	American Government	3 hours
HIS 2213	History of the United States, 1492-1877 <i>or</i> HIS 2223 History of the United States, 1877-Present <i>or</i> HIS/HON 2013 Honors U.S. History I	3 hours
PSY 1013	General Psychology <i>or</i> SOC 1003 Introductory Sociology <i>or</i> *EDU 2113 Educational Psychology	3 hours

Technical Studies (14 hours)

Life Science - choose one option	4 hours
BIO 1004 Principles of Biology	
Computer Literacy - choose one option	3 hours
CIS 1103 Introduction to Computing <i>or</i> *CIS 1033 Foundations of Computer Science	
Mathematics - choose one option	3 hours
MAT 1143 College Algebra	
*MAT 2293 Math for Elementary/Middle School Teachers II	
†MAT 1163 Pre-Calculus	
†BUS/MAT 1193 Business Calculus	
†MAT 1195 Analytics and Calculus I	
*†PSY 3243 Statistics	
Physical Science - choose one option.....	4 hours
PHS 1004 Introduction to Physical Science	
PHS 1114 Introduction to Earth Science	
*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 1111 University Seminar	1 hour
UNI/HON 1121 Critical Thinking.....	1 hour

* Approved alternatives for listed areas

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 subscores of 13-18 on the Pre-Algebra/Elementary Algebra *and* 13-18 on the Intermediate Algebra/Coordinate Geometry may elect to take the indicated courses (or MAT 1143) to satisfy the 42-hour general education block.

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.....	3 hours
SPF 2012	Introduction to Spiritual Formation (not required for A.S.N. or B.S.N. degree)	2 hours
KIN 1162	Foundations of Physical Fitness/Wellness (not required for A.S.N.) <i>or</i>	
* 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)

* 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 <i>and</i> ENG 2213 English Composition II	
<i>or</i>	
ENG 1123 Honors Composition	
COM 1103 Fundamentals of Speech <i>or</i> 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	
Foreign language	
PHI 2013 Philosophical Foundation for a Christian Worldview	
Social Studies	6-9 hours
ECO 2003 L.I.F.E. Economics <i>or</i> ECO 2023 Microeconomics (not required for A.A.S.) <i>or</i>	
ECO 2033 Macroeconomics	
POL 1113 American Government	
PSY 1013 General Psychology <i>or</i> SOC 1003 Introductory Sociology	
HIS 2213 History of the United States, 1492-1877 <i>or</i>	
HIS 2223 History of the United States, 1877-Present	
Technical Studies	3 hours (A.A.S.)
BIO 1004 Principles of Biology	
CIS 1103 Introduction to Computing (not required for A.A.S.)	
MAT 1143 College Algebra	
MAT 1163 Pre-Calculus	
BUS/MAT 1193 Business Calculus	
MAT 1195 Analytics and Calculus I	
MAT 2293 Math for Elementary/Middle School Teachers II	
PHS 1004 Introduction to Physical Science	
PHS 1114 Introduction to Earth Science	
CHE 1004 Principles of Chemistry	
CHE 1115 General Chemistry I	
PHS 2005 Physical Science for Elementary and Middle School Teachers	
PHS 2214 Meteorology	
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.....	3 hours
SPF 2012 Introduction to Spiritual Formation.....	2 hours
KIN 1162 Foundations of Physical Fitness/Wellness	2 hours
Total	10 hours

College of Business and Computer Science

William Brown, Interim Dean

Office: Taylor 103 - (417) 328-1694

<http://www.sbuniv.edu/cobacs/index.htm>

Departments within the College

Accounting
Adult Business Programs
Business Administration

Computer and Information Sciences
Master of Business Administration

In addition, the College houses the interdisciplinary Minor in Leadership.

Mission Statement

The mission of the 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.

Stated Values

Stated values are encapsulated in eight words drawn from Psalm 15: Integrity; Service; Respect; Charity; Faithfulness; Truthfulness; Humility; and Perseverance. These values are essential to living a Christ-like life, regardless of academic training or chosen profession. However, within the context of programs of study offered by the College, specific objectives serve as contexts in which these values are to be expressed:

- Students will have theoretical and conceptual *knowledge* to frame the foundation and context of their chosen field
- Students will be capable of applying procedural, technical, and process thinking skills to *solve problems* and perform *competently* in their chosen field
- Students will be capable of assessing their strengths and applying appropriate *leadership* skills in contexts well-suited to their knowledge, gifts, and talents
- Students will demonstrate a *maturing understanding* of business as an economic enterprise as well as a form of *service* to God, their families, their neighbors, and the broader culture in which they participate
- Students will attain a level of knowledge and capability which will permit them to enter into programs of advanced study and/or to serve as a basis for self-directed, *life-long learning*.

The College of Business and Computer Science offers undergraduate degree programs with majors and minors in three departments: Accounting, Business Administration, and Computer and Information Sciences. The College offers the Master of Business Administration through its Graduate Studies.

Specialized Accreditation

The College is nationally accredited by the Association of Collegiate Business Schools and Programs (ACBSP) to offer the Bachelor of Science degree in Accounting, Business Administration, Computer Information Science, Economics/Finance, International Business, Management, Marketing, Public Relations, and the Master of Business Administration degree. The College also offers a Bachelor of Science degree in Computer Science.

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 begins with faculty prayer and extends to faculty sharing their testimonies with advisees and with classes in an appropriate and balanced manner. 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. In addition to standard textbooks, the College also

requires a prescribed set of supplemental texts as part of the curriculum that include Christian classics such as Bunyan's *Pilgrim's Progress*, Bonhoeffer's *The Cost of Discipleship*, Augustine's *Confessions*, and Lewis' *The Screwtape Letters*. This "reading across the curriculum" approach focuses incorporates texts into foundational College curriculum requirements. College graduates are expected to be familiar with the principles set forth in these books and be able to relate the texts to their discipline and understand their premises in the larger context of their own professional and personal development. Additional information is available on the College web site.

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, 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 cumulative grade point average of 2.25 in all courses taken within the College. Students may have a maximum of only one "D" grade in all courses required in their specific major (this does not apply to the "Core Curriculum" outlined below or to the accounting major—See accounting major requirement under Department of Accounting below). 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 (including one major with an additional major-concentration) or two concentrations within one major in the 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.**

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 majoring in Accounting, Business Administration, Economics/Finance, International Business, Management, Marketing, Public Relations, and Computer Information Science are required to complete a common body of knowledge, referred to as the "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 do not take the "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 "core curriculum" and the Computer and Information Science Core.) The 45-hour COBACS Core includes the following courses:

COBACS Core Curriculum (45 hours)

ACC 2013	Principles of Financial Acct	3 hours	*BUS 1193	Business Calculus (BA/ACC)	3 hours
ACC 2043	Principles of Managerial Acct	3 hours	or MAT 1173	Discrete Mathematics (CIS)	3 hours
BUS 2013	Business Communication	3 hours	FIN 3053	Business Finance	3 hours
BUS 2023	Statistical Analysis	3 hours	LDR 4043	Ethics and Professional Develop.	3 hours
BUS 3073	Legal Environment of Business.....	3 hours	MGT 3013	Principles of Management	3 hours
CIS 3303	Systems Management	3 hours	MGT 3033	Operations Mgt	3 hours
ECO 2023	Principles of Microeconomics	3 hours	MGT 4083	Management Strategy and Policy	3 hours
ECO 2033	Principles of Macroeconomics	3 hours	MKT 3023	Principles of Marketing	3 hours
				<i>*Meets the University Mathematics General Education requirement</i>	

DEPARTMENT OF ACCOUNTING

Department Chair: Wayne Clark

Office: Taylor 119 - (417) 328-1951

Faculty: Sharla Bailey, Jenell Wagner

<http://www.sbuniv.edu/academics/accounting/index.htm>

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 and 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. Both programs of study prepare students for diversified careers in the practice of public accounting, not-for-profit accounting, internal auditing, federal taxation and general accounting management. Accounting graduates are in high demand in business, government and education. 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 SBU's Master of Business Administration program or additional undergraduate course work at SBU to satisfy the 150-hour requirement. The Accounting and 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 and ACC 3024, a student must have at least a 3.00 cumulative GPA in all previous accounting classes, and a 2.85 cumulative GPA in all classes taken at SBU. 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 (36 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 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 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 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
CIS 1144	Computer Science I.....	4 hours
CIS 2213	Introduction to Systems Analysis and Design.....	3 hours
CIS 3323	Database Management.....	3 hours
CIS 4503	Principles of Information Assurance.....	3 hours
CIS 4513	Digital Forensics Principles and Practices.....	3 hours
CRJ 2313	Introduction to Criminal Justice.....	3 hours
ENG 4003	Technical Writing.....	3 hours

DEPARTMENT OF BUSINESS ADMINISTRATION

Department Chair: Susan Lynch

Office: Taylor 120 - (417) 328-1758

Faculty: Troy Bethards, Ronda Credille, Rodger W. Minatra,

Melvin Steele, Angie Wright, Nathan Wright

<http://www.sbuniv.edu/businessadmin/index.htm>

The Department of Business Administration provides students with a broad curriculum of study in business to prepare them for diverse careers in business and other organizations and for graduate and professional study in business, education, law, and public administration. The Bachelor of Science degree is offered in six majors including: Economics/Finance, International Business, Marketing, Management, Public Relations, and Sports Marketing. A Bachelor of Science degree in Business Administration is also offered for non-traditional students. A minor in Business Administration is available except for students majoring in accounting, business administration, economics/finance, international business, management, marketing, public relations, or computer information science. A minor in Economics is also available for all majors. 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 as Economics/Finance majors/minors.

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 4023	Special Topics in Economics and Finance	3 hours
FIN 3003	Personal Financial Planning	3 hours
<i>Plus 3 Hours upper-level COBACS courses.....</i>		<i>3 hours</i>
<i>Plus 4 of the following courses:</i>		<i>12 hours</i>
ACC 3063	Tax Accounting I	
ECO 3053	International Economics/Finance	
FIN 4033	Derivatives	
FIN 4053	Investments	
FIN 4073	Insurance and Risk Management	

International Business Major - B.S. Degree (25-27 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 4771	International Experience.....	1 hour
ECO 3053	International Economics/Finance	3 hours
FIN 3003	Personal Financial Planning	3 hours
ICS 4313	World Religions.....	3 hours
POL 3313	International Relations.....	3 hours
<i>or</i>		
POL 3323	Comparative Government Relations	
<i>or</i>		
COM 3333	Intercultural Communications	
<i>Plus 3 Hours upper-level COBACS courses.....</i>		<i>3 hours</i>
<i>Plus 6-8 Hours of Modern Language or</i>		
<i>Second Language Proficiency and 6 Hours of upper-level COBACS courses.....</i>		<i>6-8 hours</i>

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
FIN 3003	Personal Financial Planning	3 hours
ECO 3043	Managerial Economics	3 hours

MGT 4033	Administrative Communication/Human Resource Management	3 hours
MGT 4043	Organizational Behavior Theory	3 hours
MGT 4063	Entrepreneurship and Small Business	3 hours
MKT 4023	Marketing Management	3 hours
	<i>Plus 6 Hours upper-level COBACS courses</i>	<i>6 hours</i>

Marketing Major - B.S. Degree (27 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	Creative Advertising	3 hours
MKT 4013	Marketing Research.....	3 hours
MKT 4023	Marketing Management	3 hours
	<i>Plus 3 Hours upper-level COBACS elective</i>	<i>3 hours</i>

Public Relations Major - B.S. Degree (27 hours)

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

COM 2233	Introduction to Public Relations.....	3 hours
COM 3373	Newspaper Writing	3 hours
COM 3313	Advanced Public Speaking.....	3 hours
ART 1103	Design.....	3 hours
ART 2703	Introduction to Graphic Design.....	3 hours
MKT 3033	Consumer Behavior.....	3 hours
MKT 3083	Creative Advertising	3 hours
MGT 4033	Administrative Communications/Human Resource Management.....	3 hours
BUS 4983	Internship in Public Relations	3 hours
	<i>Plus 1 of the following 3 options:.....</i>	<i>3 hours</i>
	COM/TEC 1013 Media and Society	
	ART 2003 Photography I	
	A 3-hour upper-level COBACS course	

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 4013	Sports and Physical Activity in American Society	3 hours
MKT 3033	Consumer Behavior.....	3 hours
MKT 3073	Professional Selling.....	3 hours
MKT 3083	Creative Advertising	3 hours
MKT 4023	Marketing Management	3 hours
MKT 4253	Web 2.0Marketing.....	3 hours
PSY 3393	Introduction to Sports Psychology	3 hours
REC 2092	Recreation and Athletic Facilities	2 hours

Non-Traditional Business Administration Major - B.S. Degree

The Bachelor of Science degree in Business Administration is a general business program that requires completion of the College Core Curriculum (45 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 evening and weekend formats, the B.S. in Business Administration 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.

In addition to the College Core the business administration major must complete the following requirements:

MGT 4033	Administrative Communication/ Human Resource Management.....	3 hours
BUS 4053	International Business	3 hours
MGT 4063	Entrepreneurship and Small Business	3 hours
MKT 3073	Professional Selling	3 hours
MKT 3083	Creative Advertising.....	3 hours

DEPARTMENT OF COMPUTER AND INFORMATION SCIENCES

Department Chair: Tim DeClue

Office: Taylor 106 - (417) 328-1676

Faculty: James Cain, Jeffrey Kimball, Baochuan Lu

Faculty Associates: Shelly Brown, Angela Carr

<http://www.sbuniv.edu/CIS/>

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, Computer Information Science, or Web Systems and Design requires a minimum of 128 semester hours of credit. The majors require 28 semester hours of credit from CIS Core Courses and additional semester hours of credit from specific CIS support courses or the COBACS core. Remaining semester credit hours are earned from general education courses, major support courses and free electives.

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

Computer and Information Sciences Core Curriculum (28 hours)

CIS 1001	CIS Seminar	1 hour	CIS 3323	Database Management	3 hours
*CIS 1144	Computer Science I	4 hours	CIS 3333	Algorithms and Data Structures.....	3 hours
^CIS 1154	Computer Science II	4 hours	CIS 4443	Networks.....	3 hours
CIS 2213	Systems Analysis and Design.....	3 hours	CIS 4462	Applied Software Engineering I	2 hours
CIS 2233	Machine Organization	3 hours	CIS 4472	Applied Software Engineering II.....	2 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					

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.

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	Advanced Discrete Math & Numerical Analysis	3 hours
<i>One of the following 4 courses:</i>		
CIS 2002, 2253, 3113, or 3313.....	2-3 hours	
MAT 1173	Discrete Mathematics	3 hours
MAT 1195	Analytics and Calculus I	5 hours

MAT 2255 Analytics and Calculus II	5 hours
MAT 2263 Analytics and Calculus III	3 hours
MAT 3323 Linear Algebra	3 hours
MAT 3343 Probability and Statistics	3 hours
PHY 2215 University Physics I	5 hours
5 hours from physics, chemistry, biology, or mathematics	5 hours
LDR 4043 Ethics and Professional Development	3 hours
ECO 2023 Microeconomics	3 hours

Computer Information Science Major - B.S. Degree

The courses below are in addition to CIS Core and College of Business and Computer Science Core. 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
<i>One of the following 3 courses:</i>	
CIS 2002, 3113, or 3353	2-3 hours
MAT 1173 Discrete Mathematics	3 hours

Web Systems and Design Major - B.S. Degree

The courses below are in addition to CIS Core. 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 2003 Web Design	3 hours
CIS 2253 Web Engineering	3 hours
CIS 3003 Web Animation	3 hours
CIS 3113 Interface and Interaction Design	3 hours
MKT 3023 Principles of Marketing	3 hours
MKT 3083 Creative Advertising	3 hours
MKT 4253 Web 2.0 Marketing	3 hours
<i>One of the following 3 courses:</i>	
COM 3333, 3353, ENG 4003	3 hours
ART 1/2000 level courses	6 hours
ART 3/4000 level course	3 hours
LDR 4043 Ethics & Professional Development	3 hours
BUS 2023 Business Statistics	3 hours
ECO 2023 Microeconomics	3 hours
MAT 1173 Discrete Math	3 hours
Upper-level Elective	3 hours

COLLEGE OF BUSINESS AND COMPUTER SCIENCE ASSOCIATE DEGREES AND MINOR PROGRAMS

Associate of Science Degree

Associate degree students in the College of Business and Computer Science 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 (33 hours)

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

Business Courses (33 hours)

ACC 2013	Principles of Financial Accounting	3 hours
ACC 2043	Principles of Managerial Accounting	3 hours
BUS 1193	Business Calculus	3 hours
BUS 2013	Business Communication	3 hours
BUS 2023	Business Statistics.....	3 hours
BUS 3073	Legal Environment of Business.....	3 hours
COM 2393*	Interpersonal Communications.....	3 hours
MGT 3013	Principles of Management	3 hours
MKT 3023	Principles of Marketing	3 hours
Two of the following (3 of the 6 hours satisfies the General Education Requirement):		6 hours
ECO 2003	Literacy in Free Enterprise	
ECO 2023**	Principles of Microeconomics	
ECO 2033**	Principles of Macroeconomics	

*COM 1103 must be taken for general education requirement.

**ECO 2003 cannot be taken if ECO 2023 or ECO 2033 is taken first.

Associate of Applied Science Degree

Associate of Applied Science (A.A.S.) degree students in the College of Business and Computer Science 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 1193	Business Calculus	3 hours
BUS 2013	Business Communication	3 hours
BUS 2023	Business Statistics	3 hours
BUS 3073	Legal Environment of Business.....	3 hours
COM 2393*	Interpersonal Communications.....	3 hours
MGT 3013	Principles of Management.....	3 hours
MKT 3023	Principles of Marketing	3 hours
Two of the following (3 of the 6 hours satisfies the General Education Requirement):		6 hours
ECO 2003	Literacy in Free Enterprise	
ECO 2023**	Principles of Microeconomics	
ECO 2033**	Principles of Macroeconomics	

MAT 1143 College Algebra, (must be taken as part of general education requirements)

*COM 1103 must be taken for general education requirement.

**ECO 2003 cannot be taken if ECO 2023 or ECO 2033 is taken first.

College of Business and Computer Science Minors

Students may complete minors in Accounting, Business Administration, Computer Science, Computer Information Science, or Leadership (an interdisciplinary minor). Electives must be approved by the program advisor in the 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): Jr. or Sr. level.....3-4 hours

Business Administration Minor (21 hours)

(Not available to students with majors in the College of Business and Computer Science except for Computer Science majors.)

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
MGT 3013	Principles of Management.....	3 hours
College of Business and Computer Science Electives: Junior or Senior Level.....		6 hours

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 4023	Special Topics in Economics and Finance	
FIN 4053	Investments	
FIN 4073	Insurance and Risk Management	

Computer Science Minor (21 hours)

(Not available as a joint minor with WS&D 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 2233	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 WS&D 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

Information Assurance Minor (22 hours)

CIS 1144	Computer Science I.....	4 hours
CIS 2213	Introduction to Systems Analysis and Design.....	3 hours
CIS 3323	Database Management.....	3 hours
CIS 4503	Principles of Information Assurance	3 hours
CIS 4513	Digital Forensics Principles and Practices.....	3 hours

Select two of the following courses

CRJ 2313	Introduction to Criminal Justice	3 hours
ENG 4003	Technical Writing	3 hours
BUS 3073	Business Law	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.

Interdisciplinary Minor

The Leadership Minor draws upon several disciplines including political science, philosophy, sociology as well as management. The minor is also coordinated with the University's SALT (Servant and Leadership Training) program administered by the Office of Student Life. Though housed in the Department of Business Administration, it is an interdisciplinary program and is not part of the business curriculum as it relates to the College of Business and Computer

Science’s accreditation through ACBSP. The Leadership Minor focuses on four themes: personal leadership development, organizational leadership, civic leadership and ethics in leadership.

Leadership Minor (21 hours)

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

MASTER OF BUSINESS ADMINISTRATION

Interim Dean: William Brown

Office: Taylor 132 - (417) 328-2000 or 1-800-326-1921

<http://www.sbuniv.edu/mba/index.htm>

The Master of Business Administration program is also offered through the College of Business and Computer Sciences. **The College is nationally accredited by the Association of Collegiate Business Schools and Programs (ACBSP) for the offering of the Master of Business Administration.** For more information, see the Graduate section of the *University Catalog*.

The Courts Redford College of Theology And Ministry

Rodney Reeves, Dean

Office: Jim Mellers Center 200C - (417) 328-1770

<http://www.sbuniv.edu/redford/>

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 understand their call better 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 maintain a minimum cumulative GPA of 2.25 in all courses taken within the Redford College and 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 (except Intercultural Studies majors) 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	The Mission and Ministry of the Church
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: Jim Frost, Duke Jones, Kelly Malone

<http://www.sbuniv.edu/redford/christianministry.htm>

Christian Ministry majors in the Redford College will choose a concentration in pastoral ministry, children's ministry, educational administration, youth ministry, or intercultural studies. Church Music majors and Community Recreation majors are located in other colleges. For **Church Music (B.M. degree)**, see the listing under Department of Music in College of Music, Arts and Letters. For **Community Recreation (B.A. or B.S. degree)**, see the listing under Recreation and Leisure Studies in the College of Education and Social Sciences.

Courses in this department 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. Its 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 (28 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
ICS 2901	Same-Culture Service Project <i>or</i> ICS 2911 Cross-Cultural Service Project	1 hour
PSY 4243	Pre-marital Counseling <i>or</i> PSY 4363 Marriage and Family Counseling	3 hours
Redford elective:	.....	3 hours
CHR 1043	Lifestyle Evangelism <i>or</i>	
CED 3023	Church and Denominational Administration <i>or</i>	
CHR 3003	Introduction to Disciple-making	

Concentration in Children's Ministry - B.A. Degree (35 hours)

BIB	(Beyond BIB 1013, 1023, 2093).....	3 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
CED 3043	Children's Ministry	3 hours
CED 4983	Christian Education Apprenticeship	3 hours
EDU 2232	Introduction to Early Childhood Education (taken with EDU 2381)	2 hours
EDU 2332	Teaching the Young Child (taken with EDU 2391; Spring after EDU 2232 and EDU 2381)	2 hours
EDU 2381	Practicum - Introduction to Early Childhood Education (Taken with EDU 2232).....	1 hour
EDU 2391	Practicum - Teaching the Young Child (taken with EDU 2332).....	1 hour
PSY 3053	Child Development	3 hours
PSY 3313	Introduction to Counseling <i>or</i>	3 hours
PSY 4243	Premarital Counseling <i>or</i>	
PSY 4363	Marriage and Family Counseling <i>or</i>	
PSY 4053	Dealing with Death and Dying	
REC 2052	Camp and Retreat Administration	2 hours
THE/PHI	(Upper level).....	3 hours

Concentration in Children's Ministry - B.S. Degree (43 hours)

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

BUS 2013, BUS 3073
 CED/REC/THR 2062, CED 3013, CED 4003, CED 4053, CHR 3003, ICS 3033
 EDU 2243, EDU 2483
 PSY 4033, PSY/SOC 4053, PSY/SOC 4333, PSY/SOC 4373
 SOC 3003, SOC 3313

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*..... 3 hours
 PSY 4243 Premarital Counseling *or*
 PSY 4363 Marriage and Family Counseling *or*
 PSY 4053 Dealing with Death and Dying
 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, KIN 2072
 SOC 3003, SOC 3063, SOC 3313, SOC 4083

Concentration in Youth Ministry - B.A. Degree (36 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* 3 hours
 CED 4983 Christian Education Apprenticeship (unchurched)
 CHR 3003 Introduction to Disciple-making 3 hours
 PSY 4033 Adolescent Development 3 hours
 PSY 3313 Introduction to Counseling *or*..... 3 hours
 PSY 4243 Premarital Counseling *or*
 PSY 4363 Marriage and Family Counseling *or*
 PSY 4053 Dealing with Death and Dying
 REC 1123 Principles of Church Recreation 3 hours
 THE (Beyond CORE)..... 3 hours

Concentration in Youth Ministry - B.S. Degree (44 hours)

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

CED/REC/THR 2062, CED 3043, CED 4003, CHR 3033
 HPE 1011, KIN 3092
 PSY 2023, PSY 4273, PSY/SOC 3073, PSY/SOC 4053, PSY/SOC 4333, PSY/SOC 4373
 REC 2052, KIN 2072, REC 2092
 SOC 3003, SOC 3063, SOC 3313, SOC 4043

Intercultural Studies Major - B.A. Degree

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

1. Classes (the ICS Core) that emphasize cultural understanding, personal growth, theological truth, and cross-cultural communication of the biblical message
2. A five-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 four 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

Entrance into the Intercultural Studies major is by application and selection. Students may apply for admission after completing 48 hours credit which must include BIB 1013, 1023, SPF 2012, and ICS 2013 or 3033. Such selection will foster relational camaraderie, loyalty to the program, accountability concerning character ideals and discipleship, better advising for classes, and planning for the Semester Abroad. Transfer students who pursue the ICS major must be at SBU at least four semesters and perhaps longer in order to complete the required coursework. The ICS major is a full four-year program.

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, at least 15 hours in a required Platform, and 15 hours of electives which could be utilized toward a double major in one's Concentration.

Intercultural Studies Core (32 hours)

BIB 2093	Methods of Biblical Interpretation.....	3 hours
BIB 3043, 3053, 3063, 4023, <i>or</i> PHI 4013	.....	3 hours
Elective:	Any ICS, BIB, THE (except THE 3023), <i>or</i> CHR 3003, SOC 4043, SOC 3063.....	3 hours
ICS 2013	Cultural and Global Awareness	3 hours
ICS 2911	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	3 hours
ICS 4121	International Platforms	1 hour
ICS 4313	World Religions.....	3 hours
THE 3113	Christian Doctrine (preferred) <i>or</i> THE 3463 <i>or</i> THE 3673	3 hours

ICS Semester Abroad (16 hours)

The student will travel overseas for five months (probably July to December) where he/she will initially reside with a national family. Destination sites will be developed by the ICS faculty. The cost of this trip will be paid by the student. Note: If the student is married, the spouse and children 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	8 hours
ICS 2911	Cross-Cultural Service Project	1 hour
ICS 4082	Ethnography and Strategy	2 hours
ICS 4982	Apprenticeship Practicum	2 hours

Required Platform (at least 15 hours)

The student may choose one of the Interdisciplinary Platforms that will provide a market skill and a platform for serving more creatively in cross-cultural contexts. Or the student may choose the Religion Concentration which offers further theological training for those planning to emphasize Bible teaching in their cross-cultural ministries. Only one platform is required.

Business Management Platform

ACC 2013	Principles of Financial Accounting	3 hours
ECO 2023	Microeconomics	3 hours
Electives chosen from		6 hours
ECO 2033 Macroeconomics, MGT 3013 Principles of Management, MGT 4053 International Management, MGT 4063 Entrepreneurship MKT 3023 Principles of Marketing, BUS 4053 International Business		
MKT 3023	Principles of Marketing <i>or</i> MGT 3013 Principles of Management.....	3 hours

Computer Science Platform

CIS 1144	Computer Science I.....	4 hours
CIS 1154	Computer Science II	4 hours
CIS 2213	Introduction to Systems Analysis and Design	3 hours
CIS 2253	Internet Programming	3 hours
CIS elective (upper level).....		3 hours

Note that CIS 1154 has a co-requisite of CIS 1001 and MAT 1173. MAT 1173 is not absolutely required, but CIS 1001 is required for completion of CIS 1154.

English as a Second Language Platform

ENG 3373	Structure of the English Language	3 hours
ENG 4953	Methods of Teaching English as a Second Language	3 hours
ENG 4953	Design and Assessment	3 hours
ENG 4953	Practicum	3 hours
ENG or EDU elective or COM 2203		3 hours

Education Platform

EDU 2113	Educational Psychology.....	3 hours
EDU 2313	Foundations of Education	3 hours
Electives		9 hours

For those interested in elementary education:

EDU 2343 Emergent Language *and* six hours from EDU 2232 Introduction to Early Childhood Education (taken with EDU 2381), EDU 2332 Teaching the Young Child (taken with EDU 2391), EDU 2381 Practicum - Introduction to Early Childhood Education, EDU 2391 Practicum - Teaching the Young Child, KIN 2022 Perceptual Motor Development, or PSY 3053 Child Development

For those interested in a general focus:

EDU 2243 Health, Safety and Nutrition for the Young Child, EDU 2483 Home, School and Community Involvement, EDU 2823 Media and Computer Education

Health Care Platform

BIO 2204	Human Anatomy and Physiology I.....	4 hours
BIO/ATH 2243	Nutrition	3 hours
BIO 3304	Human Anatomy and Physiology II	4 hours
Elective:		3-4 hours
BIO 2214 Environmental Biology		
NUR 3363 Transcultural Nursing (via internet and occasional meetings)		
NUR 3453 Spirituality in Nursing Practice		
KIN 3092	First Aid/ CPR	2 hours

Customized Platform will allow the student to create a unique 16 hour program from one or more disciplines at SBU other than Intercultural Studies, all of which must be upper level courses and all of which must be part of an approved plan by the student's ICS advisor and faculty advisors from those disciplines. The possible combinations are almost unlimited but must be supported by the student's plan for an intercultural future. The plan must include ICS 4121 International Platforms.

Religion Platform

BIB 3043, 3053, 3063, or 4023	3 hours
Electives (beyond the ICS core):	6 hours
BIB, GRE, HEB, PHI, THE, CHR 1043, 2043, 3003, 3023, 4003	
ICS 4023 Indigenous Christian Community	3 hours
THE 3113, 3463 or 3673	3 hours

Sports Management Platform

KIN 1043 Personal and Community Health	3 hours
KIN 2042 Psychology of Coaching	2 hours
KIN 3092 First Aid/CPR	2 hours
KIN 4002 Sports, Games, and Intramurals	2 hours
KIN 4023 Organization and Administration of Physical Education and Recreation or KIN 4762 Problem Solving in Recreation	2-3 hours
REC 3163 Recreation Leadership	3 hours

DEPARTMENT OF THEOLOGY

Department Chair: Bing Bayer

Office: Jim Mellers Center - (417) 328-1765

Faculty: Clint Bass, Don Denton, Zach Manis, Rodney Reeves

<http://www.sbuniv.edu/redford/theologydepartment.htm>

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 <i>or</i>	
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 <i>or</i> 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

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 <i>or</i> 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 (taken with EDU 2381)	3 hours
EDU 2332	Teaching the Young Child (taken with EDU 2391; Spring after EDU 2232 and EDU 2381)	2 hours
EDU 2381	Practicum - Introduction to Early Childhood Education (taken with EDU 2232)	1 hour
EDU 2391	Practicum - Teaching the Young Child (taken with EDU 2332)	1 hour
PSY 3053	Child Development	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, <i>or</i> any upper level CHR <i>or</i> BIB	3 hours

Intercultural Studies (22 hours)

A student may choose the ICS Minor along with another major in the University -- perhaps because he/she chooses not to do the ICS Semester Abroad.

BIB 2093	Methods of Biblical Interpretation	3 hours
Electives:		6 hours
ICS, BIB 3043, 3053, 3063, 4023, CHR 3003 THE 3113, 3463, 3673, PHI 4013, SOC 4043, or 3063		
ICS 2013	Cultural and Global Awareness	3 hours
ICS 2911	Cross-cultural Service Project	1 hour
ICS 3033	World Christian Foundations	3 hours
ICS 3073	Storying and Discipling Cross-culturally	3 hours
ICS 4313	World Religions	3 hours

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 The Mission and Ministry of the Church
 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

College of Education and Social Sciences

Linda K. Wooderson, Dean
Office: Gott Educational Center 104
(417) 328-1710

<http://www.sbuniv.edu/CESS/index.htm>

Departments within the College

Behavioral Sciences
Education

Health, Physical Education and Recreation
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: Kevin Schriver
Office: 200 Gott Educational Center (417) 328-1736
Faculty: Pearlene Breshears, Richard Brewer, Chris Dinwiddie, Debra Gamble,
Amanda Keys, Shelley Kilpatrick, Kelly Martin, Christine Saladino, William Walkup,
Mary Fraley (Salem Campus)

<http://www.sbuniv.edu/bsd/index.htm>

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, military science, and social work. The department also offers minors in psychology, sociology, counseling, social welfare, gerontology 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 for pursuing graduate studies. The goal of the department is to meet the needs of those students: (1) preparing for 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 in candidacy accreditation from 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
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.....	3 hours
PSY 3083	Psychological and Sociological Implications of Cognitive Impairment	3 hours
PSY 4033	Adolescent Development.....	3 hours
PSY 4053	Death and Dying.....	3 hours
Psychology electives (courses with PSY prefix)		6 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 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

KIN core requirements (12 hours)

KIN 1033	Foundations of Physical Education and Sport	3 hours
KIN 3073	Physiology of Exercise (Prerequisite - KIN 2133)	3 hours
KIN 4003	Kinesiology (Prerequisite - KIN 2133)	3 hours
KIN 4013	Sports and Physical Activity in American Society (Prerequisite-96 hours completed)	3 hours

Electives (9 hours) - choose from the following:

PSY 4233	Research Design and Methods
PSY 4093	Behavior Modification
PSY 3093	Psychology of Learning
PSY 4373	Being Human and Addicted
KIN 3053	Measurement and Evaluation in Physical Education
KIN 3082	Care and Prevention of Injury (Prerequisite - BIO 2204)

Minor in Psychology

Eighteen 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 4003	Understanding Women
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.

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 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 B.S.W. degree in Social Work 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 electives 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 2953 Special Topics in Social Work		
SWK 4953 Intensive Studies in Social Work		

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 hours in Sociology, completed as follows.

SOC 1003	Introductory Sociology	3 hours
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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
EXTENDED CORE:		
Multiculturalism (Select two courses from the following):		
SOC 3023	Sociology of Gender	3 hours
SOC 3063	Community Sociology	3 hours
SOC 4003	Understanding Women	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 (SOC) electives		6 hours

Sociology Major - B.S. Degree

The B. S. degree in Sociology requires the completion of 30 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 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 hours beyond a major, as follows:

BIO/KIN 2243	Nutrition	3 hours
KIN 2072	Senior Adult Recreation	2 hours
PSY 3063	Human Growth and Development	3 hours
SOC 4053	Dealing with Death and Dying	3 hours
SOC 4083	Gerontology	3 hours
SWK 2003	Introduction to Social Work	3 hours
Field Experience in Gerontology		3 hours
(SOC 4963 or REC 4963--this would follow the completion of all gerontology course work)		

Minor in Social Welfare

Eighteen hours beyond a major, as follows:

SWK 2003	Introduction to Social Work	3 hours
SWK 3113	Social Work Practice: Helping Skills	3 hours
SWK 3063	Human Behavior in the Social Environment I or	3 hours
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 2953	Special Topics in Social Work
SWK 4953	Intensive Studies in Social Work

Courses taken in the Social Welfare Minor are considered a separate discipline.

Certificate in Child Care Work

May be taken with the pursuit of the AA or AAS degree. Twenty or twenty-one hours beyond a major, as follows:

One course in DEVELOPMENT (PSY 3053, <i>or</i> PSY 3063, <i>or</i> PSY 4033)	3 hours
One course in BEHAVIORAL INTERVENTIONS (PSY 4093, <i>or</i> EDU 3823, <i>or</i> EDU 3833)	3 hours
One course in SAFETY (KIN 3092 <i>or</i> EDU 2243)	2-3 hours
SOC 4333 Child Abuse and Neglect	3 hours
PSY 4983 Child Care Worker Internship	3 hours
Two courses of ELECTIVES (PSY 3313 <i>or</i> SWK 2003; SOC 3003 <i>or</i> 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, completion of 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 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 <i>or</i> 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 is a prerequisite)	
PSY/SOC 3243	Elementary Statistics	
PSY 4093	Behavior Modification	
PSY/SOC 4233	Research 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 (J-terms)	

Individuals who received certification upon completion of the 470 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 3092	First Aid	2 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) <i>or</i> 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: Laurie Boen, Julie Bryant, Delta Caver, Charles Lentz, Tamara Samek, John Wheeler

Mountain View Faculty: Donna Depeé, Sarah Russback, Libby Sanders

Certification Officer and Coordinator of Clinical Experiences: Ken Spurgeon

<http://www.sbuniv.edu/education/index.htm>

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 has been approved by the State Board of Education of the State of Missouri through October 2013. 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).

<p>Early Childhood Birth B Grade 3 (second area of certification) Elementary 1-6 (second area of certification required) Middle School 5-9 Language Arts 5-9 Mathematics 5-9 Science 5-9 Social Science 5-9 Spanish K-9 (second area of certification) Speech 5-9 (second area of certification)</p>	<p>Certification in content areas 9-12, K-12 Art K-12 (K-9 as second area of certification) Biology 9-12 Chemistry 9-12 English 9-12 General Science 9-12 (as second area of certification) Health K-12, 9-12, K-9 (as second area of certification) Mathematics 9-12 Music (Instrumental, Vocal) K-12 Physical Education K-12, 9-12 (K-9 as second area of certification) Social Science 9-12 Spanish K-9 (as second area of certification) Speech and Theatre 9-12 Unified Science: Biology 9-12 (certificate) Chemistry 9-12 (certificate)</p>
<p>Mountain View campus Elementary 1-6</p>	

Before being admitted into the teacher education program, candidates must receive a passing score on the College Basic Academic Skills Examination (C-BASE) and achieve a grade point average of 2.5 on a 4.0 scale. Additional requirements and procedures are found in the *Teacher Education Handbook*.

Under Title II reporting during the 2010-2011 academic year, 207 undergraduate students had been accepted into the teacher education program and were pursuing elementary, middle, or secondary certification. A total of 98 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 2010-2011 report year was 2.9 in the fall and 4.2 in the spring. For Praxis pass rate information during the report year, please see Praxis Results on the Department of Education web site. (<http://www.sbuniv.edu/education>)

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 of 21 or more semester hours that will qualify the student to obtain an added certificate in one of the following areas. 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.

Second Areas of Certification

- Early Childhood (Birth-Grade 3) (listed below)
- K-9 Art (see page 109)
- K-9 Health (see page 97)
- K-9 Physical Education (see page 97)
- K-9 Spanish (see page 118)
- Middle School Education 5-9 (Choose one content area or speech) (see page 93)

On the Mountain View campus, students complete a twenty-one hour concentration in Social Science.

General Education Requirements

See pages 63-64 in *University Catalog*.

Core Curriculum 74 hours

- EDU 2113 Educational Psychology
- EDU 2121 Field Experience Level 1 (for non-early childhood)
- EDU 2313 Foundations of Education
- EDU 2343 Emergent Literacy
- EDU 2353 Children's Literature
- EDU 2823 Technology for Educators
- EDU 3002 Teaching Social Sciences in the Early Childhood and Elementary Classroom I
- EDU 3022 Teaching Social Sciences in the Early Childhood and Elementary Classroom II
- 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 3162 Teaching Integrated Math in the Early Childhood and Elementary Classroom
- EDU 3182 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 3823 Behavior and Classroom Management in the Early Childhood and Elementary Classroom
- EDU 4691 Student Teaching Seminar
- EDU 4832 Assessment and Evaluation of Learners (Block)
- EDU 4842 Teaching Diverse Learners (Block)
- EDU 4929 Student Teaching in the Elementary 1-6 School (Block)
- EDU/PSY 3053 Child Development
- GEO 1103 Geography
- MAT 2283 Math for Elementary/Middle School Teachers I
- MAT 2293 Math for Elementary/Middle School Teachers II
- KIN 3092 Standard First Aid
- PHS 2005 Physical Science for Elementary and Middle School Teachers

Second Areas of Certification Requirements 16 hours

Early Childhood. Additional hours required when early childhood is chosen as a second area of certification.

- EDU 2232 Introduction to Early Childhood Education
- EDU 2243 Health, Safety and Nutrition/Young Child
- EDU 2381 Practicum - Infant/Toddler
- EDU 2332 Teaching the Young Child
- EDU 2391 Practicum - Preschool/Kindergarten
- EDU 2483 School, Home, and Community Partnerships
- EDU 3212 Screening, Diagnosis and Prescription in Early Childhood
- KIN 2022 Perceptual Motor Development

**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 21 semester hours in two of the areas of concentration listed below. 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)
- Spanish (K-9) (Second Area of Certification)*
- Speech (5-9) (Second Area of Certification)*

*The four concentration areas require 24 hours when paired with Spanish or Speech.

Core Curriculum 47-51 hours

- 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 2512 Teaching Reading in Middle School
 EDU 3613 Teaching Reading in the Content Areas
 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 each Concentration Area (2-6 hours)
 EDU 2823 Technology for Educators
 EDU 4112 Teaching Writing (Block)
 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 21 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)

Mathematics 21-22 hours

- MAT 2283 Survey of Math for Elementary and Middle School Teachers I
 MAT 2293 Survey of Math for Elementary and Middle School Teachers II
 MAT 1195 Analytics and Calculus I
 MAT 3353 Integrated Math
 MAT 3372 Math Technologies
 5-6 hours of upper division math electives (SCF 3422 will count as math elective **only** when combined with MAT 3332 and 3382).

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
 HIS 2223 History of the U.S. II
 POL 1113 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 21 hours

- COM 1103 Fundamentals of Speech
 COM 2223 Argumentation and Debate
 COM 3303 Oral Interpretation of Literature
 COM 3313 Advanced Public Speaking
 COM 3373 Newspaper Writing and Editing
 COM 3383 Small Group Communication *OR* COM 2393 Interpersonal Communication

THR/FAR 1033 Introduction to Theatre

Spanish

See page 118 in the College of Music, Arts and Letters, Department of Language and Literature.

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. A second area of certification is suggested. See listing on page 92.

Core Curriculum..... 40-41 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 3333	Principles and Methods of Secondary Instruction
EDU 3341	Field Experience Level 2 Secondary School
EDU 3613	Teaching Reading in the Content Areas
EDU 3833	Behavior and Classroom Management - Secondary
EDU 45	Methods of Teaching in the Content Area
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) <i>or</i>
EDU 4959	Student Teaching in the K-12 School (Block)
PSY 4033	Adolescent Psychology (9-12) <i>or</i>
PSY 3063	Human Growth and Development (K-12)

DEPARTMENT OF KINESIOLOGY

Department Chair: Joe Wooderson

Office: Jane and Ken Meyer Wellness and Sports Center (417) 328-1772

Faculty: J.D. Lynch, John Wheeler, Gina Whitehead, Linda Wooderson

<http://www.sbuniv.edu/hper/index.htm>

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. Academic programs are offered which lead to Missouri teacher certification in grades K-12, K-9, and 9-12. The department also offers certification programs in health education. Students desiring to pursue a career in a sports-related area other than teaching may pursue a major in Sports 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. Certification requirements as outlined in one of the programs listed below and in the teacher education section of the catalog must be met. It is strongly recommended that students seek endorsement (certification) in a second teaching field or occupational area. All physical education majors who seek a teaching certificate must complete the student teaching block. Enrollment in upper level education courses by all students seeking State Teacher Certification is limited to those students who have a cumulative GPA of 2.50, a documented ACT or SAT score on file in the Office of Teacher Education, have passed all sections of the C-BASE, and have completed their file in the Office of Teacher Education. A person fulfilling degree requirements may be eligible to graduate with or without teacher certification. (Please see note in Education course offering.)

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 1012	General Activities I.....	2 hours
KIN 1022	General Activities II	2 hours
KIN 1071	Beginning Swimming.....	1 hour
KIN 1033	Foundations of Physical Education and Sport.....	3 hours
KIN 1142	Outdoor Adventures	2 hours
KIN 2133	Principles of Human Anatomy	3 hours
KIN 4003	Kinesiology.....	3 hours
KIN 3073	Physiology of Exercise	3 hours
**KIN 3053	Measurement and Evaluation in Physical Education	3 hours
KIN 1163	Foundations of Physical Fitness/Wellness for Professionals	3 hours
KIN 1043	Personal and Community Health.....	3 hours
**KIN 4043	Adapted Physical Education.....	3 hours
KIN 4013	Sports and Physical Activity in American Society.....	3 hours
KIN 2022	Perceptual Motor Development.....	2 hours
KIN 3093	Sport Safety Training	3 hours
KIN 3043	Analysis of Basic Rhythms	3 hours
KIN 3133	Methods of Teaching Physical Education in Elementary School	3 hours
** KIN/EDU 4533	Methods of Teaching Physical Education 5-12	3 hours

** Also counted under Professional Education Sequence

Electives

One additional course must be selected from the following:

KIN 2032 Coaching of Volleyball; KIN 2052 Coaching of Softball/Baseball; KIN 3012 Coaching of Football; KIN 3022 Coaching of Basketball; KIN 3062 Coaching Track and Field

Physical Education Certification 9-12

A major leading to certification in grades 9-12 requires the following courses and completion of teacher education requirements.

KIN 1012	General Activities I.....	2 hours
KIN 1022	General Activities II	2 hours
KIN 1033	Foundations of Physical Education and Sport.....	3 hours
KIN 1142	Outdoor Adventures	2 hours
KIN 2133	Principles of Human Anatomy	3 hours
KIN 4003	Kinesiology.....	3 hours
KIN 3073	Physiology of Exercise	3 hours
**KIN 3053	Measurement and Evaluation in Physical Education	3 hours
KIN 1163	Foundations of Physical Fitness/Wellness for Professionals	3 hours
**KIN 4043	Adapted Physical Education.....	3 hours
KIN 4013	Sports and Physical Activity in American Society.....	3 hours
KIN 2022	Perceptual Motor Development.....	2 hours
KIN 3093	Sport Safety Training	3 hours
**KIN/EDU 4533	Methods of Teaching Physical Education 5-12	3 hours

** Also counted under Professional Education Sequence

Electives

One additional course must be selected from the following:

KIN 2032 Coaching of Volleyball; KIN 2052 Coaching of Softball/Baseball; KIN 3012 Coaching of Football; KIN 3022 Coaching of Basketball; KIN 3062 Coaching Track and Field

Physical Education Certification K-9

A teaching minor leading to an added endorsement (certification) in grades K-9 requires the following courses and completion of all teacher education requirements (K-9 certification is not accepted as a first teaching field.)

KIN 1012	General Activities I <i>or</i> KIN 1022 General Activities II.....	2 hours
KIN 1033	Foundations of Physical Education and Sport.....	3 hours
KIN 1163	Foundations of Physical Fitness/Wellness for Professionals	2 hours
KIN 2022	Perceptual Motor Development	2 hours
KIN 2133	Principles of Human Anatomy	3 hours
KIN 3043	Analysis of Basic Rhythms	3 hours
**KIN 3053	Measurement and Evaluation in Physical Education	3 hours
KIN 3073	Physiology of Exercise.....	3 hours
KIN 3093	Sport Safety Training	3 hours
**KIN 3133	Methods of Teaching Physical Education in Elementary School	3 hours
KIN 4003	Kinesiology	3 hours
KIN 4043	Adapted Physical Education.....	3 hours
** Also counted under Professional Education Sequence		

Electives

One additional courses must be selected from the following:

KIN 2032 Coaching of Volleyball; KIN 2052 Coaching of Softball/Baseball; KIN 3012 Coaching of Football; KIN 3022 Coaching of Basketball; KIN 3062 Coaching Track and Field

Health Education K-12

A teaching endorsement (certification) in Health, grades K-12 requires the following courses and completion of all teacher education requirements (health certification is not accepted as a first teaching field).

KIN 1163	Foundations of Physical Fitness/Wellness for Professionals	3 hours
KIN 2133	Principles of Human Anatomy	3 hours
KIN/BIO 2243	Nutrition	3 hours
KIN 1043	Personal and Community Health.....	3 hours
KIN 2063	School Health Education	3 hours
KIN 3093	Sport Safety Training	3 hours
PSY 2023	Psychology of Adjustment	3 hours
SOC 3003	The Family	3 hours
Electives	.....	10 hours

Health electives may be selected from areas above.

Health Education 9-12

A secondary certification in Health, grades 9-12 requires the following courses and completion of all teacher education requirements (health certification is not accepted as a first teaching field).

KIN 1163	Foundations of Physical Fitness/Wellness for Professionals	3 hours
KIN 2133	Principles of Human Anatomy	3 hours
KIN/BIO 2243	Nutrition	3 hours
KIN 1043	Personal and Community Health.....	3 hours
KIN 2063	School Health Education	3 hours
KIN 3093	Sport Safety Training	3 hours
PSY 2023	Psychology of Adjustment	3 hours
SOC 3003	The Family	3 hours
Electives	.....	8 hours

Health electives may be selected from areas above.

Health Education K-9

A teaching endorsement (certification) in Health, grades K-9 requires the following courses and completion of all teacher education requirements. (Health certification is not accepted as a first teaching field.)

KIN 1163	Foundations of Physical Fitness/Wellness for Professionals.....	3 hours
KIN 2133	Principles of Human Anatomy.....	3 hours
KIN/BIO 2243	Nutrition.....	3 hours
KIN 1043	Personal and Community Health.....	3 hours
KIN 2063	School Health Education.....	3 hours
KIN 3092	Standard First Aid.....	2 hours
PSY 2023	Psychology of Adjustment.....	3 hours
SOC 3003	The Family.....	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 (79 hours)

BIO 2204	Human Anatomy & Physiology I.....	4 hours
BIO 3304	Human Anatomy & Physiology II.....	4 hours
ESC 1013	Introduction to Exercise Science.....	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 2022	Perceptual Motor Development.....	2 hours
KIN 2072	Senior Adult Recreation.....	2 hours
KIN 2243	Nutrition.....	3 hours
KIN 3073	Physiology of Exercise.....	3 hours
KIN 3093	Sport Safety Training.....	3 hours
KIN 4003	Kinesiology.....	3 hours
KIN 4013	Sport and Physical Activity in American Society.....	3 hours
KIN 4043	Adapted Physical Education.....	3 hours
KIN 4762	Problem Solving in Recreation & Sports Management.....	2 hours
KIN 4773	Principles of Strength & Conditioning.....	3 hours
NUR/HSC 1002	Medical Terminology <i>OR</i> 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.....	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 Exercise Science Advisor and the DPT Admission Coordinator beginning with their first year of study.

Sports Management Major - B.A. or B.S. Degree

The sports 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.

NOTE: Students who are pursuing a B.S. degree are required to take 9 hours of upper level psychology. The B.A. degree requires 8 hours of a foreign language.

Core Courses (44 hours)

KIN 1163	Foundations of Physical Fitness/Wellness for Professionals	3 hours
KIN 2133	Principles of Human Anatomy	3 hours
KIN/BIO 2243	Nutrition	3 hours
KIN 3053	Measurement and Evaluation in Physical Education	3 hours
KIN 3073	Physiology of Exercise	3 hours
KIN 3093	Sport Safety Training	3 hours
KIN 4003	Kinesiology	3 hours
KIN 4013	Sport and Physical Activity in American Society	3 hours
KIN 4023	Organization and Administration of Sport	3 hours
KIN ----	Activity Electives	6 hours
SPM 1112	Introduction to Sports Management	2 hours
SPM 3963	Sports Management Practicum	3 hours
SPM 4986	Internship in Sport Management	6 hours

In addition to the core curriculum in Sports Management, one of the following concentrations must be completed. General Education courses and additional electives must total a minimum of 129 hours.

Business/Fitness and Wellness (34 hours)

ACC 2013	Principles of Financial Accounting	3 hours
BUS 2013	Business Communications	3 hours
BUS 3073	Legal Environment of Business	3 hours
LDR 4043	Ethics and Professional Development	3 hours
MGT 3013	Principles of Management	3 hours
MGT 4033	Administrative Communications/Human Resource Management	3 hours
MKT 3023	Principles of Marketing	3 hours
KIN 1043	Personal and Community Health	3 hours
ATH 3103	Sports Performance	3 hours
REC 2092	Recreation and Athletic Facilities	2 hours
KIN 4762	Problem Solving in Recreation and Sports Management	2 hours
PSY 3393	Introduction to Sports Psychology	3 hours

Sports Administration/Business (33 hours)

ACC 2013	Principles of Financial Accounting	3 hours
BUS 2013	Business Communications	3 hours
BUS 3073	Legal Environment of Business	3 hours
LDR 4043	Ethics and Professional Development	3 hours
MGT 3013	Principles of Management	3 hours
MGT 4033	Administrative Communications/Human Resource Management	3 hours
MKT 3023	Principles of Marketing	3 hours
KIN 2012	Officiating Sports	2 hours
KIN 4002	Recreation and Sports Programming	2 hours
REC 2092	Recreation and Athletic Facilities	2 hours
KIN 4762	Problem Solving in Recreation and Sports Management	2 hours
Select two courses 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	

Commercial Recreation and Business (33 hours)

REC 1113	Foundations of Community Recreation	3 hours
REC 2092	Recreation and Athletic Facilities	2 hours
REC 3163	Recreation Leadership	3 hours
KIN 4762	Problem Solving in Recreation and Sports Management	2 hours
KIN 4002	Recreation and Sports Programming	2 hours
ACC 2013	Principles of Financial Accounting	3 hours
BUS 2013	Business Communications	3 hours
BUS 3073	Legal Environment of Business	3 hours
LDR 4043	Ethics and Professional Development	3 hours

MGT 3013	Principles of Management	3 hours
MGT 4033	Administrative Communications/Human Resource Management	3 hours
MKT 3013	Principles of Marketing	3 hours

Sports Administration/Fitness/Wellness (34 hours)

KIN 1043	Personal and Community Health	3 hours
HPE 2012	Officiating Sports	2 hours
ATH 3103	Sports Performance	3 hours
REC 2092	Recreation and Athletic Facilities	2 hours
REC 4762	Problem Solving in Recreation and Sports Management.....	2 hours
BUS 3073	Legal Environment of Business.....	3 hours
MGT 3013	Principles of Management.....	3 hours
MKT 3023	Principles of Marketing.....	3 hours
LDR 4043	Ethics and Professional Development.....	3 hours
MGT 4033	Administration Communications/Human Resource Management.....	3 hours
PSY 3393	Introduction to Sports Psychology	3 hours
Select two courses 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	

Sports Psychology (34 hours)

PSY 3033	Abnormal Psychology	3 hours
PSY 3063	Human Growth and Development.....	3 hours
PSY 3073	Social Psychology	3 hours
PSY 3243	Elementary Statistics	3 hours
PSY 3313	Introduction to Counseling.....	3 hours
PSY 3393	Introduction to Sports Psychology	3 hours
PSY 4263	Physiological Psychology.....	3 hours
LDR 4043	Ethics and Professional Development.....	3 hours
REC 4762	Problem Solving in Recreation and Sports Management.....	2 hours
Electives from HPE or PSY		8 hours

Recreation Management Major - B.A. or B.S. Degree

The Recreation Management major has been deleted from the degree offerings. No new majors will be accepted. The major will be deleted from the Fall 2014 catalog after all majors have graduated.

DEPARTMENT OF HISTORY AND POLITICAL SCIENCE

Department Chair: Timothy Wood

Office: Taylor 204 (417) 328-2067

Faculty: Kwasi Ofori-Yeboah, Robert Klostermeyer, James O. Smith

<http://www.sbuniv.edu/hipo/index.html>

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). 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, 1492-1877	
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, 1877 - 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	
Asian history block	3 hours
HIS 3613 East Asian History to the Rise of the Mongols	
American history block (2 courses from the following list).....	6 hours
HIS 3003 The US Civil War	
HIS 3153 American Military History	
HIS 3783 United States Diplomatic History, 1775 B 1928	
HIS 3833 Gilded Age and Progressivism, 1877 B 1928	
HIS 3843 Recent United States History, 1928 B present	
HIS 3893 United States Diplomatic History, 1928 B present	
HIS 4953 Intensive Studies in American history	
HIS 4993 Independent Study in American history	
HIS 4503 History Capstone Seminar	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 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 2952	Special Topics in Political Science.....	2 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	Probability and Statistics <i>or</i> BUS 2023 Business Statistics <i>or</i>	
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

The Social Science Education program is open to those who continue to meet all the requirements for admission to the Teacher Education Program appropriate to their current class standing, and who complete the requirements for the Secondary Education Certificate B.S. Degree Program. (See the Education section of this catalog.) The social studies school curriculum draws on several social science disciplines making a broad, multi-disciplinary preparation essential. All work counted on the Social Science Education major must have a minimum cumulative GPA of 2.50. 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 to the Renaissance	3 hours
HIS 2213	History of the United States, 1492 B 1877	3 hours
POL 1113	American Government	3 hours
ECO 2003	L.I.F.E. Economics <i>or</i> ECO 2023 Microeconomics <i>or</i> ECO 2033 Macroeconomics	3 hours
EDU 2113	Educational Psychology	3 hours

History Requirements (6 hours)

HIS 1123	Introduction to the History of World Civilization: From the Renaissance to the present	3 hours
HIS 2223	History of the United States, 1877 - present.....	3 hours

United States History (3 courses from the following list).....

HIS 3153	American Military History	
HIS 3783	United States Diplomatic History, 1775 B 1928	
HIS 3833	Gilded Age and Progressivism, 1877 B 1928	
HIS 3843	Recent United States History, 1928 B present	
HIS 3893	United States Diplomatic History, 1928 B 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)

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	(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	
Asian history		3 hours
HIS 3613	East Asian History to the Rise of the Mongols	
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 <i>or</i> SOC 1013 Introductory Anthropology	3 hours
Social science elective in economics, history, political science, sociology, and psychology		3 hours
Except	PSY 3053 Child Development, PSY 3063 Human Growth and Development, and PSY 4033 Adolescent Development	

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 2101) 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.A. 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/casebolt/index.htm>

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.

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:

Office: Jester Learning and Performance Center 144 (417) 328-1650

Faculty: Grant Cochran, Dianna Callahan

Faculty Associate: Deborah Gilley

<http://www.sbuniv.edu/art/index.htm>

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 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.....	3 hours
<i>or</i> ART 3003 Life Drawing	
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	3 hours
<i>or</i> ART 3003 Life Drawing		
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	
<i>One concentration required</i>		
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)	3 hours
<i>or</i>		
ART 4983	Internship (related to Graphic Design)	
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)	3 hours
<i>or</i>		

ART 4983 Internship (related to Digital Imaging)	
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.

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 Courses (see Secondary Education Certification, B.S. degree)	39 hours
EDU 4512 Methods of Teaching Art, K-12	2 hours
See Education Certification Worksheet for Art Grades K-12 for specific EDU requirements	
Total hours	134 hours

Art as a Second Teaching Area (26 hours)

ART 1103 Design	3 hours
ART 1203 Drawing I	3 hours
ART 2013 Ceramics I	3 hours
ART 2023 Sculpture I	3 hours
ART 2033 Painting I	3 hours
ART 3103 Printmaking	3 hours
ART 2813 Art History II	3 hours
ART 3813 Fibers	3 hours
EDU 4512 Methods of Teaching Art, K-12	2 hours

General Art Minor (18 hours)

ART/FAR 1013 Introduction to Art (also counts for Gen. Ed.)	3 hours
<i>or</i>	
ART 2803 Art History I	
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	3 hours
<i>or</i>	
ART 3103 Printmaking	

Photography Track:

ART 2003	Photography I	3 hours
ART 3323	Photography II	3 hours
ART 3723	Digital Imaging Concepts	3 hours

or

ART 3103 Printmaking

Ceramics Track:

ART 2013	Ceramics I.....	3 hours
ART 3013	Ceramics II	3 hours
ART 3403	Advanced Ceramic Studio I.....	3 hours

or

ART 3813 Fibers

Sculpture Track:

ART 2023	Sculpture I.....	3 hours
ART 3023	Sculpture II	3 hours
ART 3503	Advanced Sculpture Studio I.....	3 hours

or

ART 3813 Fibers

Painting Track:

ART 2033	Painting I.....	3 hours
ART 3033	Painting II	3 hours
ART 3603	Advanced Painting Studio I.....	3 hours

or

ART 3813 Fibers

or

ART 3103 Printmaking

Graphic Design Track:

ART 2703	Introduction to Graphic Design	3 hours
ART 3043	Graphic Design Production	3 hours
ART 3703	Graphic Design Concepts	3 hours

or

ART 3103 Printmaking

BOB R. DERRYBERRY SCHOOL OF COMMUNICATION ARTS

Chair: David C. Bailey

Office: Jester Learning and Performance Center 238 (417) 328-1699

Faculty: Jordan Compton, Ben Kilpatrick, Brett A. Miller, Elissa Sartwell, Jonathan Wehmeyer

Faculty Associate: Gayla Prewitt

<http://www.sbuniv.edu/communication/index.htm>

<http://www.sbuniv.edu/theatre/index.htm>

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.

The study of communication arts leads students to a better understanding and application of the theories and practices involved in effective communication. Students increase their personal effectiveness and enlarge their cultural awareness through the development of persuasive, argumentative, interpretative, interpersonal, and media skills. The study of theatre is designed to prepare students to use their talents in educational, community, Christian, and professional theatre. The department emphasizes performing and practical experience as well as understanding of the human condition through drama. The purpose of study in public relations and media is to prepare students for ministry dimensions and/or professional careers.

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/TEC 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 <i>or</i> 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/TEC 1013 Media and Society	3 hours
COM/TEC 2043 Television Production I	3 hours
COM 2223 Argumentation and Debate	3 hours
COM 3003 Communication Theory <i>or</i> COM 3303 Oral Interpretation of Literature	3 hours
COM 3043 Rhetorical Theory & Criticism <i>or</i> COM 3313 Advanced Public Speaking	3 hours
COM/TEC 3053 Television Production II	3 hours
COM 3343 Multi-Media Productions for Nonprofit Organizations <i>or</i> COM 4433 Interviewing	3 hours
COM 3373 Newspaper Writing and Editing <i>or</i> COM 4433 Interviewing	3 hours
COM 3873 History and Contemporary Issues in Journalism <i>or</i>	

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 4983	Internship in Journalism/Mass Communication.....	6 hours

Organizational and Strategic Communication - B.A. Degree

General Education Courses	42 hours
Graduation Requirements	16-18 hours
Required Courses (46 hours)	
COM/TEC 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 <i>or</i> TEC 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 <i>or</i> ART 2003 Photography I	3 hours
MKT 3023 Principles of Marketing <i>or</i> MKT 3083 Creative 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 <i>or</i> THR 4013 Theatre Management	
Approved electives from the following:	6 hours

Any THR course not meeting another requirement	
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.

Certification in Speech Communication and Theatre (grades 9-12)

Students who wish to be recommended for teaching certification by the Bob R. Derryberry School of Communication Arts must complete 38 hours.

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
EDU 4502	Methods of Teaching Theatre in Middle and Secondary Schools.....	2 hours
EDU 4522	Methods of Teaching Speech in Middle and Secondary Schools	2 hours

Note: Students must also complete the core curriculum requirements of the Bachelor of Science Degree Certification in Content Areas, grades 9-12.

Communication Minor (18 hours)

COM 1103	Fundamentals of Speech Communication	3 hours
COM 2223	Argumentation and Debate <i>or</i> COM 3313 Advanced Public Speaking	3 hours
COM 2393	Interpersonal Communication <i>or</i> COM 3383 Small Group Communication	3 hours
Communication Electives		9 hours

Theatre Minor (18 hours)

THR 1023	Acting I <i>or</i> THR 3033 Acting II <i>or</i> THR 3303 Oral Interpretation of Literature	3 hours
THR 1033	Introduction to Theatre	3 hours
THR 1053	Stagecraft <i>or</i> THR 3053 Scene Design.....	3 hours
THR 4023	Directing of Plays <i>or</i> THR 4013 Theatre Management	3 hours
Electives in Theatre.....		6 hours

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 <i>or</i> COM 3313 Advanced Public Speaking	3 hours
COM 3303	Oral Interpretation of Literature	3 hours
THR 1023	Acting I <i>or</i> 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: M.E. Tappmeyer

Office: Jester Learning and Performance Center 222 (417) 328-1683

Faculty: Curtis Goss, Holly Hill-Stanford, Carla Kirchner, Todd Sukany, Linda Tappmeyer

Faculty Associates: Laurel Becker, Jamie Martin, Krista Nebel, Sherry Shoemaker,

Meiling Siegfried, Sharina Smith

<http://www.sbuniv.edu/Language/index.htm>

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.

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 4483 The American Novel	
English and/or World Literature courses from:	12 hours
ENG 3233 Medieval and Renaissance English Literature <i>or</i>	
ENG 3243 17th and 18th-Century English Literature	
ENG 3333 The Romantic Period <i>or</i> ENG 3343 The Victorian Period	
ENG/THR 4413 Shakespeare <i>or</i> ENG 4453 Milton	
ENG 4433 Twentieth-Century English Literature <i>or</i> ENG 4463 Contemporary Poetry	
Linguistic course from:	3 hours
ENG 3363 History of the English Language <i>or</i>	
ENG 3373 Structure of the English Language	
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. See Secondary Education Certification, B.S. degree, for additional general education requirements. 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 4483 The American Novel	
English and/or World Literature courses from:	12 hours
ENG 3233 Medieval and Renaissance English Lit. <i>or</i>	
ENG 3243 17th and 18th-Century English Lit.	
ENG 3333 The Romantic Period <i>or</i> ENG 3343 The Victorian Period	
ENG/THR 4413 Shakespeare <i>or</i> ENG 4453 Milton	
ENG 4433 Twentieth-Century English Lit. <i>or</i> ENG 4463 Contemporary Poetry	
Linguistic courses from:	6 hours
ENG 3363 History of the English Language	
ENG 3373 Structure of the English Language	
Professional Education Courses (see Secondary Education Certification, B.S. degree)	

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 4013 Writing Short Fiction	
WRT/THR 4053 The Art and Craft of Playwriting	
Practical Writing	6 hours
WRT/ENG 4003 Technical Writing	
<i>One course selected from:</i>	
BUS 2013 Business Communications	
COM 3373 Newspaper Writing and Editing	
MKT 3083 Creative Advertising	
TEC 3013 Writing for Television	
Literary Study	15 hours
<i>Two courses in American literature selected from:</i>	
ENG 3313 American Literature I	
ENG 3323 American Literature 2	
ENG 4483 American Novel	
<i>Three courses in British literature selected from:</i>	
ENG 3233 Medieval and Renaissance	
ENG 3243 17 th and 18 th Century	
ENG 3333 Romantic Period	
ENG 3343 Victorian Period	
ENG/THR 4413 Shakespeare	
ENG 4433 20 th Century	

ENG 4453	Milton	
ENG 4463	Contemporary Poetry	
Language Study		3 hours
ENG 3373	Structure of the English Language	
Writing Elective		3 hours
<i>One course selected from those not taken to meet the requirement in Creative or Practical Writing</i>		

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
ENG 3233	Medieval and Renaissance English Literature <i>or</i>	
ENG 3243	17 th and 18 th -Century English Literature	3 hours
ENG 3363	History of the English Language <i>or</i>	
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
<i>One course selected from:</i>		
WRT/ENG 3013	Writing Poetry	
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
<i>One course (3 hours) in American literature selected from:</i>		
ENG 3313	American Literature I	
ENG 3323	American Literature 2	
ENG 4483	American Novel	
English majors must fulfill this requirement in American literature with a course not taken to fulfill the American literature requirement for the major.		
<i>One course (3 hours) in British literature selected from:</i>		
ENG 3233	Medieval and Renaissance	
ENG 3243	17 th and 18 th Century	
ENG 3333	Romantic Period	
ENG 3343	Victorian Period	
ENG/THR 4413	Shakespeare	
ENG 4433	20 th Century	
ENG 4453	Milton	
ENG 4463	Contemporary Poetry	
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.

Modern Languages

The study of French, German, and Spanish 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
General Electives or Second Major	30-33 hours
Spanish Courses including:.....	36 hours
SPA 1114 Elementary Spanish I	
SPA 1124 Elementary Spanish II	

It is highly recommended that students spend at least six weeks in a country where Spanish is the official language.

Spanish Minor (20 hours)

SPA 1114 Elementary Spanish I (or equivalent)	4 hours
SPA 1124 Elementary Spanish II (or equivalent).....	4 hours
SPA 2213 Intermediate Spanish I	3 hours
SPA 2223 Intermediate Spanish II.....	3 hours
Electives	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	

Teaching Minor in Spanish (extended certification grades K-9)

Twenty-one hours of Spanish, or 18 hours above SPA 1124 Elementary Spanish II, plus 2 or more earned credits of high school Spanish. EDU 4563 Methods of Teaching Foreign Language is also required.

DEPARTMENT OF MUSIC

Member of the National Association of Schools of Music

Chair: Martha Hicks

Office: Casebolt Music Center (417) 328-1630

Faculty: Kathy Brown, Andrew Campbell, Robert Carney, Brian Hopwood, Terri Knupps,
Melinda Smashey Jones, James Tarrant, Jeffery Waters, Renee Waters

Faculty Associates: Marc Baker, Mark Bowdidge, Regina Bruner, R. Catherine Burgher,
Michelle Draper, Jan Hagglund, Carol Harrison, Eric Jackson, Angel McGlasson,

Melissa Roberts, John Strickler, Joe Wooderson

<http://www.sbuniv.edu/MUSIC/index.htm>

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 majors. Upon a successful evaluation by the music faculty, normally at the conclusion of the student's second semester at SBU, pre-music majors may be formally admitted into a music degree program. In all departmental policies and procedures, the term "music major" is intended to include pre-music 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 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 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 1603 Music Fundamentals as a pre-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 25-minute lessons) or two credits (thirteen 50-minute lessons). 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.

Jury Examination

The final examination for music majors' 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 not required.

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 Half Recital - Level IV Performer's Certificate Half Recital - Level V Full Recital - Level VI	Piano Pedagogy Certificate Half Recital - Level V Minor in Piano Pedagogy Half Recital - Level IV
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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, and 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 website (www.sbuniv.edu/music).

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 1613 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)	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	17-18 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.

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)	8 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 (<i>or</i> Guitar Proficiency Exam)	1 hour
Senior Recital	
Professional Education Courses (see Secondary Education Certification, B.S. degree)	

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, <i>or</i> SBU Chorale	2 hours
Wind Symphony <i>or</i> 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 <i>or</i> 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 *or* 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 <i>or</i> 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, <i>or</i>	
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 (16hours)

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 (34 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 4984 Internship 4 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 3913 Music Merchandising
 MUS 3923 Recording Techniques
 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 (36-37 hours)

MUS 1151 Basic Class Guitar (or pass Guitar Proficiency Exam)	1 hour
MUS 1171 Introduction to Church Music Ministry and Worship Leadership	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 1633 Survey of Music Literature	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 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 4101 Church Music Technology	1 hour
MUS 4743 Church Music Administration	3 hours

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

College of Science And Mathematics

Perry A. Tompkins, Dean

Office: Wheeler 100-B

(417) 328-1659

<http://www.sbuniv.edu/COSM>

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, grantsmanship, 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

Approved Clinical Instructors: Clint Carroz, David Gordon, Mike Wolhoy, Morgan Simpson

<http://www.sbuniv.edu/cosm/AT>

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-ATEP Goals (*est. 10.18.00*)

Upon successful completion of the Southwest Baptist University Athletic Training Education Program (SBU-ATEP), graduates will be able to:

- Sit for the Board of Certification Examination (BOC),
- Practice the profession of Athletic Training in a wide variety of traditional and non-traditional clinical settings,
- 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 athletic training through the development of knowledge and skills needed for the entry-level athletic trainer. 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 requires a minimum of 130 semester hours of credit earned by completion of the University general education and graduation requirements, the Athletic Training major requirements and required support courses.

To be certified by the Board of Certification (BOC), a student must successfully complete all required graduation elements from a Commission on Accreditation of Athletic Training Education Accredited Athletic Training Education Program (ATEP) and successfully pass the BOC examination.

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 domains of the *4th Edition of the NATA Athletic Training Educational Competencies*: (1) Risk Management and Injury Prevention; (2) Pathology of Injuries and Illness; (3) Assessment and Evaluation; (4) Pharmacology; (5) Therapeutic Modalities; (6) Therapeutic Exercise; (7) General Medical Conditions and Disabilities; (8) Nutrition; (9) Psychosocial Intervention and Referral; (10) Health Care Administration; (11) Professional Development and Responsibilities.

Clinical Practicum's: 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 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 12 hours per week of clinical education experience.

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 "C" in all major requirement courses to matriculate in the program.

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 ATEP 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: (All forms are available upon request or at the website: <http://www.sbuniv.edu/cosm/at/>)

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):
 - KIN 3092 Standard First Aid *or* KIN 3093 Sport Safety Training
 - 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 institutions Head Athletic Trainer must fill out this form.
7. Proof of eligibility of ADA Technical Standards for Admission to the ATEP
8. Program's Physical Exam Form
9. Immunization records of:
 - Hepatitis B (initiation of the series is also acceptable with the documentation of completion appropriately and timely submitted)
 - Measles
 - Mumps
 - Rubella
 - Tetanus
 - Diphtheria
10. Copy of current First Aid/CPR Certification.
11. 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.
12. 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
Transfer students are evaluated by the ATC that observed most of their hours	
4. Interview with Admissions Committee (120 pts)	84 pts
5. Essay - "Why do I want to be an Athletic Trainer?" - evaluated by the Program Director	30 pts
6. Overall Athletic Training 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. Technical Standards for Admission form
5. Immunization records
6. CPR/First Aid Certification
7. Transcripts meeting the minimum criteria. Current students at Southwest Baptist University must submit transcripts independent from their prospective advisor.

8. Program's Physical Exam Form

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 within 1 week of submission contact the office to ensure that the application has been processed.

ATEP Academic Plan

The ATEP at SBU is a four-year undergraduate program in the 1+3 model leading to conferring of a B.S. in Athletic Training. The components of the degree include General Education (42 hours), Graduation Requirements (10 hours), Major Requirements (52 hours), Support Courses (29-30 hours), for a comprehensive credit hour total of 133 hours.

Major Requirements (52 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 52 hours (16 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 (4th 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 f) professional development and responsibility. This six-pillar domain serves as the building block for the delivery of the Major Requirements found within the ATEP course offerings. The following is the Major Requirements; course descriptions that must be completed in order (lock-step sequence). To declare a major the student must obtain their own athletic training student liability insurance. Forms can be obtained from the department chair.

Athletic Training Major - B.S. Degree

ATH 2013 Introduction to Athletic Training.....	3 hours
ATH 3013 Athletic Training Techniques I.....	3 hours
ATH 3022 Athletic Training Practicum I.....	3 hours
ATH 3114 Athletic Training Evaluation: Above Diaphragm	4 hours
ATH 3103 Sports Performance.....	3 hours
ATH 3122 Athletic Training Practicum II.....	3 hours
ATH 3124 Athletic Training Evaluation: Below Diaphragm	4 hours
ATH 3133 General Medical Conditions and Pharmacology	3 hours
ATH 4014 Therapeutic Modalities	4 hours
ATH 4022 Athletic Training Practicum III	3 hours
ATH 4034 Sports Rehabilitation	4 hours
ATH 4113 Athletic Training Administration	3 hours
ATH 4122 Athletic Training Practicum IV	3 hours
ATH 4133 Athletic Training Professional Seminar	3 hours
ATH 4963 Athletic Training Field Experience I.....	3 hours
ATH 4973 Athletic Training Field Experience II.....	3 hours

Clinical Education

The Clinical Education Courses are an integral portion of the student's education. The 6 clinical education courses consist of ATH 3023, ATH 3123, ATH 4023, ATH 4123, ATH 4963 and ATH 4973. These courses require a time commitment of 3 times per week in the assigned clinical education setting or an average of 12 hours per week. The clinical education courses will allow the student to gain experience to upper extremity, lower extremity, and equipment intensive and general medical components of clinical education. The final two clinical courses ATH 4963 and ATH 4973 are field experience courses designed to allow the athletic training student to gain experience in applying all the proficiencies under the supervision of their assigned ACI and give them experience in working with other allied health professionals and physicians.

Support Courses (29-30 hours)

The Support Courses for the ATEP 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 nineteen content areas, which include: 1) assessment of injury and illness, 2) exercise physiology, 3) first aid and emergency care, 4) general medical conditions and disabilities, 5) health care administration, 6) human anatomy, 7) human physiology, 8) kinesiology, 9) medical ethics, 10) nutrition, 11) pathology of injury illness, 12) pharmacology, 13) professional development and responsibilities, 14) psychosocial intervention and referral, 15) risk management, 16) strength training and reconditioning, 17) therapeutic exercise, 18) therapeutic modalities, and 19) weight management. Some of the nineteen 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 2233	Introduction to Research	3 hours
PSY 3243	Elementary Statistics	3 hours
PSY 4233	Research Design.....	3 hours
KIN 3073	Physiology of Exercise.....	3 hours
KIN 3092	Standard First Aid <i>or</i> KIN 3093 Sport Safety Training.....	2-3 hours
KIN 4003	Kinesiology	3 hours
BIO 2204	Human Anatomy and Physiology I	4 hours
BIO 3304	Human Anatomy and Physiology II.....	4 hours
BIO 4404	Pathophysiology.....	4 hours

DEPARTMENT OF BIOLOGY

Department Chair: Craig Endres

Office: Wheeler 136C - (417) 328-1743

Faculty: Hillary Glauser-Patton, Rosalyn Snellen, Dennis Siegfried, Tao Wei

[http:// www.sbuniv.edu/cosm/BIO/Index.htm](http://www.sbuniv.edu/cosm/BIO/Index.htm)

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
- Promote professional development and life-long learning
- 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.

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 (Prehealth 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
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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 <i>and</i> CHE 1125 General Chemistry I <i>and</i> 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 <i>and</i> CHE 1125 General Chemistry II	10 hours
SCF 3402 Biology Through the Eyes of Faith	2 hours
CHE 3304 Organic Chemistry I <i>and</i> CHE 3314 Organic Chemistry II <i>or</i>	8 hours
PHY 1115 General Physics I <i>and</i> PHY 1125 General Physics II <i>or</i>	10 hours
MAT 1195 Analytics and Calculus I <i>and</i> MAT 2255 Analytics and Calculus II <i>or</i>	10 hours
CIS 1144 Computer Science I <i>and</i> CIS 1154 Computer Science II	8 hours

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

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 as well as in general science. Students must also meet any other requirements as specified by the state or the SBU Department of Education for certification plus the University general education and graduation requirements. 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. An overall science GPA of 2.50 is also required.

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 Sequence (39 hours)	

* PHY 1115/1125 may be substituted for PHS 1004

DEPARTMENT OF CHEMISTRY AND PHYSICS

Department Chairman: John D. Patton

Office: Wheeler 114/I - (417) 328-1663

Faculty: Craig Masters, Timothy A. Richmond, Perry A. Tompkins, Jena Whetstine

<http://www.sbuniv.edu/CHEMPHYS/index.htm>

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 chemistry core 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. All core courses except CHE 3354, CHE 3371, and CHE 4471 should be completed before any other upper division courses are attempted. *A minimum grade of C is required in all core courses.*

Chemistry Core Courses (29 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 3354	Instrumental Analysis	4 hours
CHE 3371	Seminar in Chemistry I	1 hour
CHE 4471	Seminar in Chemistry II	1 hour

Required Support Courses (17 hours)

MAT 1195	Analytics and Calculus I	5 hours
PHY 1115	General Physics I and PHY 1125 General Physics II	10 hours

<i>or</i>	
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 a concentration of 35 or more semester hours of chemistry coursework, including the core curriculum and the required support courses. 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 graduate work in chemistry, 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 seeking the B.S. major in chemistry must complete a concentration of 35 or more semester hours in chemistry coursework. In addition to the chemistry core curriculum and required support courses, B.S. chemistry majors are required to complete a minimum of six semester hours of upper division technical electives. 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

CHE 3002	Environmental Chemistry 2 hours
CHE 3324	Physical Chemistry I 4 hours
CHE 3334	Physical Chemistry II 4 hours
CHE 3364	Biochemistry 4 hours
CHE 4002	Interpretive Spectroscopy 2 hours
CHE 4414	Advanced Inorganic Chemistry 4 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 3354 and 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 as well as in general science. Students must also meet any other requirements as specified by the state or the SBU Department of Education for certification plus the University general education and graduation requirements. 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. An overall science GPA of 2.50 is also required.

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	Analytics and Calculus I	5 hours
PHY 1115	General Physics I <i>and</i> PHY 1125 General Physics II	10 hours
<i>or</i>		
PHY 2215	University Physics I <i>and</i> 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 Sequence (39 hours)		

Physics

Minor (Physics Major Not Offered)

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 one of the two physics elective courses.

Physics/Physical Science Courses (22 hours)

PHY 2215	University Physics I	5 hours
PHY 2225	University Physics II	5 hours
PHY 3363	Modern Physics	3 hours
PHY	Physics electives	6 hours
PHS 3303	History and Philosophy of Science and Technology	3 hours

Required support courses (26 hours)

CHE 1115	General Chemistry I	5 hours
CHE 1125	General Chemistry II	5 hours
CIS 1144	Computer Science I	4 hours
MAT 1195	Analytics and Calculus I	5 hours
MAT 2255	Analytics and 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 in addition 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 <i>and</i> BIO 2234 General Botany	8 hours
CHE 1115 <i>and</i> CHE 1125 General Chemistry I <i>and</i> General Chemistry II	10 hours
PHY 1115 <i>and</i> PHY 1125 General Physics I <i>and</i> General Physics II	10 hours
PHS 1114 Introduction to Earth Science <i>and</i> PHS 2214 Meteorology	8 hours
BIO 2214 Environmental Biology <i>or</i> *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 <i>and</i> BIO 3304	Human Anatomy & Physiology I <i>and</i> 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 <i>and</i> CHE 1125 General Chemistry II | 10 hours |
| CHE 3002 | Environmental Chemistry | 2 hours |
| CHE 3304 | Organic Chemistry I <i>and</i> CHE 3314 Organic Chemistry II | 8 hours |
| CHE 3345 | Analytical Chemistry | 5 hours |
| CHE 3354 | Instrumental Analysis | 4 hours |
| CHE 3371 | Seminar in Chemistry I <i>and</i> CHE 4471 Seminar in Chemistry II | 2 hours |
| CHE 3364 | Biochemistry | 4 hours |
| BIO 1004 | Principles of Biology | 4 hours |
| MAT 1195 | Analytics and 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 **not** available at SBU.

*Techniques/Methods of Teaching Science (EDU 4522) will include: Safety, Lab Techniques, and Research Process Skills.

The student must have a grade point average of at least 2.50 on a 4.00 scale in the subject area.

DEPARTMENT OF MATHEMATICS

Department Chair: Kevin Hopkins

Office: Wheeler 127D - (417) 328-1675

Faculty: Stephen Bowling, John Bryant, Robert Glasgow

Faculty Associate: Wayne DeRossett

<http://www.sbuniv.edu/cosm/math>

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, grantsmanship, 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 2283	Survey of Mathematics for Elementary and Middle School Teachers I.....	3 hours
MAT 2293	Survey of Mathematics for Elementary and Middle School Teachers II.....	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	Probability & 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/CIS 4433	Advanced Discrete Mathematics and Numerical Analysis
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 course 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

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 Praxis	1 hour
(waived if student has already passed their Math Praxis by Spring of their Junior Year)		
MAT 4483	Contemporary Geometry.....	3 hours

The required support course requirement is the same. These students must also satisfy the other requirements of the department of education for certification.

Minor in Mathematics

Nineteen hours of mathematics consisting of

MAT 1195	Analytics-Calculus I	5 hours
MAT 2255	Analytics-Calculus II	5 hours
Three other non-freshman mathematics courses, excluding		
MAT 2283	Survey of Mathematics for Elementary and Middle School Teachers I	
MAT 2293	Survey of Mathematics for Elementary and Middle School Teachers II	

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

Engineering

Missouri University of Science and Technology

Southwest Baptist University, in cooperation with the Missouri University of Science and Technology, has a program in which students attend SBU for the first two 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. A typical SBU program of study is shown below.

First Year -- SBU

Fall

MAT 1195	Analytics and Calculus I*	5 hours
CHE 1115	General Chemistry I	5 hours
ENG 1113	English Composition I	3 hours
UNI 1111	University Seminar	1 hour

Spring

MAT 2255	Analytics and Calculus II	5 hours
#CHE 1125	General Chemistry II	5 hours
ECO 2033	Principles of Macroeconomics	3 hours
UNI 1121	Critical Thinking	1 hour
**Electives	Humanities/Social Sciences	3 hours

Second Year -- SBU

Fall

MAT 2263	Analytics and Calculus III	3 hours
PHY 2215	University Physics I	5 hours
HIS 22(1-2)3	History of U.S., 1492-1877 <i>or</i> History of U.S., 1877 - Present	3 hours
<i>or</i>		
POL 1113	American Government	3 hours
**Electives	Humanities/Social Sciences	6 hours

Spring

MAT 3363	Differential Equations	3 hours
PHY 2225	University Physics II	5 hours
#PHY 3233	Mechanics (Statics)	3 hours
**Electives	Humanities/Social Sciences	3 hours

* Students without a satisfactory background in mathematics should take MAT 1163 PreCalculus before taking MAT 1195.

** These electives 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.

Some engineering curricula no longer require CHE 1125 *and/or* PHY 3233 at Missouri University of Science and Technology.

NOTE: Since the pre-engineering course of study is a general one at SBU, the pre-engineering student should work closely with the pre-engineering advisor (Dr. Perry A. Tompkins -- Professor of Physics) to facilitate any course modification among specific engineering programs.

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 base 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	Critical Thinking	1 hour
BIO 2134	General Zoology.....	4 hours
ENG 2213	English Composition II	3 hours
CIS 1103	Introduction to Computing.....	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, 1492-1877 or 1877 - 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

BIO3324	Genetics	4 hours
BIO4471	Biology Seminar	1 hour
POL 1113	American Government	3 hours
Biology Elective		4 hours
Electives		3 hours

Spring

BIO3334	Introduction to Ecology	4 hours
BIO4224	Cell and Molecular Biology	4 hours
ECO 2003	L.I.F.E. 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, physicians 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-physicians 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 <i>and</i> CHE 1125 General Chemistry II	10 hours
CHE 3304	Organic Chemistry I <i>and</i> CHE 3314 Organic Chemistry II.....	8 hours
CHE 3345	Analytical Chemistry.....	4-5 hours
<i>or</i>		
CHE 3354	Instrumental Analysis	

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 <i>or</i>	
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

The Darrell R. Strait Center for the Integration of Science and Christian Faith

Center Director: Hillary Glauser-Patton
Office: Wheeler 114/H - (417) 328-1668

Faculty: Stephen Bowling, Craig Endres, Robert Glasgow, Craig Masters,
John Patton, Rosalyn Snellen, Perry Tompkins

<http://www.sbuniv.edu/cosm/strait>

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 <i>and</i> CHE 1125 General Chemistry II.....	10 hours
BIO 1004 Principles of Biology <i>and</i> 4 hours upper division biology	8 hours
PHY 1115 General Physics I <i>or</i> PHY 2215 University Physics I	5 hours
MAT 1195 Analytcs and Calculus I <i>or</i>	
PHY 1125 General Physics II <i>or</i> 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

Dean: Martha Baker
Office: 4431 S. Fremont St.
Springfield, MO 65804 (417) 820-2069
<http://www.sbuniv.edu/collegeofnursing>

B.S.N. Director: Dana Hunt
A.S.N. Director: Rebecca Miller
A.S.N. Assistant Director: Myrna Lanier
Faculty: Sylvia Barber, Cynthia Beasley, Lisa Blevins, Terri Briggs,
Gwen Comer, Patricia Hanson, Angela Calton, Heather Daulton,
Kimberly Davis, Jennifer Ferguson, Sheila Gateley, Suzanne Givens,
Phebe Goldsmith, Andrea Gramling, Carla Hunt, Amy Jones,
Annette Keller, Angela Klein, Linda Laazzari, Rick Leroux, Kezia Lilly,
Renay McCarley, Patricia Mickelberg, Monta Montgomery,
Martha S. Morrow, Paul Pope, Cindy Reed, Ami Rohr, Gloria Scheilder,
Jodie Snider, Stacy Soden, Tonyha Sumners, Betty Thomas, Vicki Underhill
Science Faculty: Michael Dickerson, Paula Steiert

Mission Statement

Mercy College of Nursing and Health Sciences pursues excellence in nursing and health science education in a personalized Christian environment by preparing students to be competent, caring professional nurses and health care providers.

Vision Statement

Based on Christian values, the Mercy College of Nursing and Health Sciences pursues excellence by:

- Preparing professionals capable of serving diverse populations in a variety of healthcare settings;
- Providing a clinical and theoretical foundation for lifelong pursuit of advanced degrees, involvement in professional organizations, and scholarly activities.

Bachelor of Science in Nursing (Accredited by National League for Nursing Accrediting Commission)

The College of Nursing and Health Sciences offers a Registered Nurse Degree Completion Program (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 of an associate degree or diploma program. All degree candidates are required to complete general education requirements 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.

BSN Requirements (128 hours)

Students completing the RN-BSN Completion Program must meet all general education and graduation requirements of the University.

Program Requirements (24 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
BIO 4404	Pathophysiology	4 hours
PSY 3063	Growth and Development	3 hours
PSY 3243	Statistics	3 hours

BSN Major Requirements (36 hours)

NUR 3202 Foundations of Learning.....	2 hours
NUR 3303 Health Assessment.....	3 hours
NUR 3373 Professional Nursing Practice.....	3 hours
NUR 3383 Gerontological Nursing.....	3 hours
NUR 3393 Transcultural Nursing [#]	3 hours
NUR 3453 Spirituality in Nursing Practice**.....	3 hours
NUR 3563 Health Care Informatics.....	3 hours
NUR 4404 Community Health.....	4 hours
NUR 4434 Nursing Administration and Leadership.....	4 hours
NUR 4344 Theories and Research.....	4 hours
NUR 4441 Capstone.....	1 hour
Nursing Electives (3 hours)	

* Biology courses will satisfy the general education life science requirement.

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 NLNAC accredited Associate of Science in Nursing or Associate of Applied Science in Nursing program. These hours will only be credited toward the BSN degree. Students from diploma programs will be considered for admission.

Admission Policy, BSN

In addition to admission to the University, all upper division degree-seeking students must formally apply for admission to the College of Nursing and Health Sciences undergraduate BSN degree program. Applicants must complete the following for acceptance into the BSN degree program.

All Applicants Must Comply with the Following:

- 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

- Complete an application packet for the BSN program. Applicants who have attended SBU in the past but have a break of one year or longer in enrollment must reapply to SBU.
- Provide a copy of current RN license and 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, a copy of the license must be provided.
- 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.

Dual-Enrolled Students

- ASN students may take designated BSN courses during the ASN program with permission of their ASN advisor and the director of the BSN program.
- Dually enrolled students in the ASN and BSN programs of Mercy College of Nursing must apply for admission to the BSN program the first semester after graduation from the ASN program. They must complete an application form and the BSN profile, provide official college transcripts for any college credit not already recorded by SBU, and provide an anticipated date for taking NCLEX-RN.

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:

- Current RN license in state of residence/employment
- Current CPR certification
- Photo ID/driver's license
- Current auto insurance in state of residence/employment
- Current nursing liability/malpractice insurance

Verification of nursing liability (malpractice) insurance and automobile insurance is needed while enrolled in the 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 clinical hours.

All admissions are provisional until the required information is received. Admission criteria subject to change.

Clinical Course Requirements

- When entering into a course that has a clinical component, additional requirements apply due to the requirements of clinical agencies or course faculty. These requirements must be completed prior to enrollment in a class with a clinical component. Failure to provide the information will result in the student not being allowed to enroll in the clinical course.
- A student must have a current R.N. license to enroll in designated BSN courses (see course descriptions).

BSN Program Educational Outcomes/Competencies

1. Critically examines processes used in gathering data in order to evaluate decisions and conclusions drawn from the data.
2. Initiates, participates in and evaluates effective communication processes in professional practice.
3. Facilitates and directs nursing care through intervention, consultation and collaboration.
4. Accepts accountability for delivering value-based nursing services and empowers participants across the healthcare continuum.
5. Integrates Christian discipleship to direct, inform and guide professional nursing practice.

Graduation Policy, BSN

All degree candidates must meet the graduation requirements of the University. Students must earn a "C" or better in all major courses including all nursing courses and departmental courses required for the major (BIO 4404 and PSY 3243). For graduation, students must have an overall 2.00 GPA. Participation in outcome assessment activities including standardized testing is a graduation requirement.

Associate of Science in Nursing (Accredited by National League for Nursing Accrediting Commission)

Southwest Baptist University in joint sponsorship with Mercy Hospital, Springfield offers a 2-year nursing program leading to the Associate of Science in Nursing (ASN) degree. Graduates of the ASN program meet the requirements for the licensure examination to become registered nurses (NCLEX-RN). **Graduation from this program does not guarantee licensure as an RN.** This program is offered at Southwest Baptist University-Springfield. The 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. The graduate is prepared to care for individual clients within the context of their families and communities. Graduates have experience in providing care for clients across the life span and health continuum. Students may progress from the ASN program to the BSN program.

Admission to the ASN Program

1. The student must be admitted to Southwest Baptist University (SBU). **Admission to the University does not guarantee admission to the ASN program.** A separate application process to the ASN program is required.
2. In addition, to be considered for admission to the ASN program, the following must be met:
 - a. College Chemistry (4 credit hours), Anatomy and Physiology (8 credit hours total), and Microbiology (3 credit hours) are required prerequisites for all ASN students. Microbiology and anatomy and physiology courses must be completed within 5 years prior to admission to the program.
 - b. Based on transcript and ACT score evaluation, these foundational courses may be required:
 - (1) MAT 0123 Intermediate Algebra
 - (2) BIO 1004 Principles of Biology
 - c. Prior college credit:
 - (1) Minimum of C in all courses required for the ASN program.
 - (2) Minimum of 2.50 cumulative GPA in all college courses.
 - (3) Minimum of 2.70 cumulative GPA in all science courses required for the ASN program.
 - (4) 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.
3. Pass the admission test(s) with acceptable scores.
4. Submit a reference (form provided) from a former employer or teacher.
5. Complete and submit responses to essay questions.

6. **ASN application deadlines** are:

Consideration for Fall (August): January 15 deadline of same year

Consideration for Spring (January): August 15 deadline of previous year

Acceptance into the nursing program is based on satisfactory completion of the admission criteria and space available. When applicants meet minimum qualifications, admission decisions will be made based on such factors as GPA, admission test scores, grades in science courses, recommendations, and interactions with faculty and staff. Interviews may be required. Special consideration will be given to students enrolled at SBU, students who have previous degrees or have completed their science courses at SBU, and employees of Mercy Hospital, Springfield.

Paramedics with a Missouri license may apply for advanced placement after meeting admission criteria for the ASN program and successfully completing the placement exam with an acceptable score. Then, after successful completion of NUR 1104, the paramedic will be eligible to progress to NUR 2005 and NUR 2004.

LPN's with a Missouri license may apply for advanced placement after meeting admission criteria for SBU and the ASN program, successfully completing the placement exam with an acceptable score, and obtaining IV certification. After successful completion of NUR 2003, the LPN may progress to NUR 2005 and NUR 2004.

Admission to the ASN program is contingent upon an acceptable background check and drug screen. Admission criteria subject to change.

Functional Abilities Necessary for Participation in the Nursing Program

The ASN Program prepares the student for a nurse generalist role. Functional abilities to meet this role include cognitive, sensory/perceptual, psychosocial/emotional and physical principal capabilities to provide safe care to individuals or groups of individuals.

1. COGNITIVE REQUIREMENT	
ACADEMIC STANDARD	FUNCTIONAL ABILITY
Comprehension and application of information and ability to assimilate it with new and previous learning to form new understandings.	Meet admission requirements for SBU and for the ASN program, including all standardized and other required admission, ability, performance, or aptitude assessments.
2. SENSORY/PERCEPTUAL REQUIREMENT	FUNCTIONAL ABILITY
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.	To include reading small print, charts, orders, medication labels, ampules, vials, syringes, technological tools and monitoring equipment. Vision should be sufficient for accurate assessment of clients by using visual inspection to implement appropriate interventions. This includes the ability to recognize emergency lights and/or equipment functions/alerts, clarity of medications or other situations necessary for client safety.
b. AUDITORY, SMELL, SPEECH STANDARD	FUNCTIONAL ABILITY
The sense of hearing and smell necessary to discriminate and assign meaning to sensory input. To communicate and obtain oral communication sufficient to be understood clearly by others.	To make oral communication with clients, to elicit information, respond to emergency and alert sounds and odors and utilize equipment that may need to be placed in both ears to hear faint sounds, tones and make rhythm interpretation.
3. PSYCHOSOCIAL REQUIREMENT	FUNCTIONAL ABILITY
INTERPERSONAL STANDARD	
Psychosocial skills and emotional stability and sensitivity sufficient to maintain a cooperative atmosphere among other health care persons and clients and families. The student must also have the ability to respond to a variety of clinical situations with therapeutic interpersonal techniques.	Establish and maintain relationships. Possess the ability to function and respond appropriately, without undue anxiety, in a variety of stressful situations, including emergencies and rapidly changing crisis situations.

4. PHYSICAL REQUIREMENT PSYCHOMOTOR STANDARD	FUNCTIONAL ABILITY
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.	Adhere to infection control standards; provide direct client care, including walking, lifting, turning, moving clients safely during care and in activities of daily living and in emergent situations including CPR. The ability to manipulate technological and monitoring equipment and recognition of changes in tactile assessment is necessary.

ASN Program Educational Outcomes/Competencies

1. Communication – formulate effective communication when interacting with patients, families and other healthcare team members.
2. Nursing Interventions – select safe, quality nursing interventions for implementation within a framework of scientific evidence.
3. Professionalism – integrate professional nurse’s roles and responsibilities in creating a safe system for delivery of quality patient-centered care.
4. Clinical Judgment – evaluate clinical data and practices that promote delivery of safe, quality care that is patient centered.
5. Christian Discipleship – incorporate Christian beliefs and behaviors into the delivery of patient-centered nursing care.

Major - A.S.N. Degree (72 hours including prerequisites)

Students completing the ASN program must meet these prerequisites 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 1104	Principles of Chemistry ^{#+}	4 hours
BIO 2213	Introduction to Microbiology [~]	3 hours

Students completing the ASN program must meet the following 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	Introduction to Computing [#]	3 hours
ENG 1113	English Composition I [#]	3 hours
NUR 1006	Fundamental Concepts of Nursing	6 hours
NUR 1023	Pharmacology for Nursing	3 hours
NUR 1135	Nursing Interventions I	5 hours
NUR 1134	Nursing Interventions I - Clinical	4 hours
NUR 2005	Nursing Interventions II	5 hours
NUR 2004	Nursing Interventions II - Clinical	4 hours
NUR 2124	Nursing Interventions III	4 hours
NUR 2135	Nursing Role Integration	5 hours
PSY 1013	General Psychology	3 hours
PSY 3063	Human Growth and Development	3 hours

Licensed Practical Nurses and Paramedics completing the ASN program must meet these 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	Introduction to Computing [#]	3 hours
ENG 1113	English Composition I [#]	3 hours
Either:		
NUR 1104	Paramedic/Advanced Placement Bridge (for Paramedics)	4 hours
<i>or</i>		
NUR 2003	LPN Bridge (for LPNs)	3 hours
NUR 2005	Nursing Interventions II	5 hours
NUR 2004	Nursing Interventions II - Clinical	4 hours
NUR 2124	Nursing Interventions III	4 hours
NUR 2135	Nursing Role Integration	5 hours

PSY 1013	General Psychology	3 hours
PSY 3063	Human Growth and Development	3 hours

- ** 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: 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 licensing 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 1104 Principles of Chemistry and CIS 1103 Introduction to Computing.

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. **Contact the Springfield Campus for details.**

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 (67 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. The paramedic program is a certificate program that upon completion allows the student to sit for 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. Currently this program is only offered on the Salem Campus.

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. Personal interview with instructor prior to acceptance into the program
4. Hepatitis B vaccination and current TB test prior to start of clinical
5. Students will complete applicable worksite training required by the clinical sites.
6. 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 (67 hours)

General Education	21 hours
Graduation Requirements	10 hours
Emergency Medical-Paramedical Core Courses	42 hours

*Note: Paramedical training is the prerequisite to this degree program. Students needing paramedical training can obtain the training through the SBU Salem Campus.

Health Sciences Associate of Science Degree (68-72 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. **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.

Health Sciences Major Requirements (16 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 1002	Medical Terminology.....	2 hours

Health Science Electives

Credit will be awarded toward the major requirements for students from an accredited professional program. These hours will only be credited toward the Associate of Science in Health Sciences degree. 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.

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 an application packet 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.

Health Sciences Bachelor of Science Degree (131 hours)

The College of Nursing and Health Sciences a completion degree for allied health professionals leading to the Bachelor of Science in Health Sciences. Many of the courses in the major are web-based. All degree candidates are required 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. **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.

Program Requirements (14 hours)

BIO 2204	Anatomy and Physiology I.....	4 hours
BIO 2213	Microbiology.....	3 hours
PSY 3063	Human Growth and Development.....	3 hours
BIO 3304	Anatomy and Physiology II.....	4 hours

Health Sciences Major Requirements (37 hours)

HSC 3013	Organization and Delivery of Health Care.....	3 hours
HSC/NUR 3073	Patient Education.....	3 hours
HSC 3202	Foundations of Learning.....	2 hours
HSC 3563	Health Care Informatics.....	3 hours
HSC 4023	Health Care Finance.....	3 hours
HSC/NUR 4434	Administration and Leadership.....	4 hours
BIO 4404	Pathophysiology.....	4 hours
LDR 4043	Ethics and Professional Development.....	3 hours

MGT 3013 Principles of Management.....	3 hours
MGT 4043 Organizational Behavior and Theory	3 hours
PSY 2233 Introduction to Research	3 hours
PSY 3243 <i>or</i> BUS 2023 Statistics	3 hours

*Must achieve a minimum of 40 hours of upper-division credit

Health Science Electives

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.

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 an application packet 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.

B.S. in Health Sciences Program Educational Outcomes/Competencies

Graduates of the *Bachelor of Science in Health Sciences Program* will be able to:

1. Initiate, participate in, and evaluate effective communication in health care settings with diverse stakeholders.
2. Critically examine processes used in gathering data to evaluate decisions and conclusions drawn from the data.
3. Plan, implement, and evaluate health care services related to the appropriate health care discipline in diverse populations.
4. Accept accountability for delivering discipline-specific, value-based health care services and empower participants across the health care continuum.
5. Integrate Christian discipleship to direct, inform and guide the provision of health care services in leadership roles and in one's own discipline.

Graduation Policy, 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.

Associate of Science in Radiography

Mission Statement

Mercy School of Radiologic Technology pursues excellence in education in a personalized Christian environment by preparing students to be competent, compassionate Radiologic Technologists.

Southwest Baptist University in joint sponsorship with Mercy Hospital Springfield offers a 2-year radiography program leading to the Associate of Science in Radiography (ASR) degree. This program is offered at Southwest Baptist University-Springfield. 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 off all age groups.

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
 - b. Prior college credit:
 - i. Minimum of C in all courses required for the ASR program
 - c. Minimum of 2.5 cumulative GPA in all college courses.
 - d. Minimum of 2.7 cumulative GPA in all science courses required for the ASR program.
 - e. 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.
2. 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 summer (July).
 3. Eligible candidates will complete a personal interview with the ASR program faculty.
 4. Students accepted into the ASR program are required to submit the following within the designated time limits: background check, drug screen, and a physical/immunization record.

Admission to the ASR program is selective as a limited number of students are accepted into the program each year. Following the application deadline, candidates who meet the Admission Criteria will be granted a personal interview with the school faculty. Selection of students will be based on the admission criteria, successful completion of the interview(s), 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.

Special consideration will be given to students enrolled at SBU, students who have completed their prerequisite courses at SBU, employees of Mercy Hospital Springfield, and qualified applicants who have submitted previous 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 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 letter from Program Director.

Admission to the ASR program is contingent upon an acceptable background check, drug screen, and a physical/immunization record. 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 cassettes 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. The program will continuously monitor its 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 6 months post-graduation
2. Students will apply critical thinking and problem solving skills.
 - a. Students will evaluate radiographic images
 - b. Students will perform non routine procedures
3. Students will be clinically competent.
 - a. Students will apply positioning skills
 - b. Students will utilize radiation protection
 - c. Students will select proper technical factors
4. Students will communicate effectively.
 - a. Students will communicate effectively with patients
 - b. Students will demonstrate written communication skills
 - c. Students will demonstrate oral communication skills
5. Students will grow and develop professionally.
 - a. Students will demonstrate professional behavior
 - b. Students will treat everyone as a valued individual

Major – A.S.R. Degree (81 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 Introduction into Computing #	3 hours
CHE 1104 Principles of Chemistry/Introductory Chemistry#+ or	4 or 5 hours
CHE 115 General Chemistry or ...	5 hours
PHY 1114 General Physics I	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
RAD 1103 Intro to Radiologic Technology	3 hours

NUR 1003 Medical Terminology	3 hours
RAD 1503 Radiologic Science	3 hours
RAD 1702 Film-Screen Image Acquisition & Processing	2 hours
RAD 1802 Radiographic Imaging I	2 hours
RAD 1901 Radiographic Imaging II	1 hour
RAD 1902 Radiation Protection & Biology	2 hours
RAD 1305 Radiographic Procedures I	5 hours
RAD 1603 Radiographic Procedures II	3 hours
RAD 1613 Radiographic Procedures III	3 hours
RAD 1912 Advanced Imaging Procedures	2 hours
RAD 1201 Contrast Agents	1 hour
RAD 1922 Radiologic Pathology	2 hours
RAD 1931 Cross-Sectional Anatomy	1 hour
RAD 1944 Curriculum Review	4 hours
RAD 2003 Clinical Education I	3 hours
RAD 2013 Clinical Education II	3 hours
RAD 2123 Clinical Education III	3 hours
RAD 2133 Clinical Education IV	3 hours
RAD 2143 Clinical Education V	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

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 Dual Credit and Online Independent Study (OLIS)

Colvin Center for Instructional Technology and Extended Learning

Director of Extended Learning: Scott W. McNeal

Assistant Director: David L. Ginnings

Office: Colvin Center for Instructional Technology & Extended Learning

Online Phone: (417) 328-1499

OLIS Phone: (417) 328-1599

<http://www.sbuniv.edu/ExtendedLearning>

Online

SBU offers undergraduate online learning opportunities. These online undergraduate courses are semester-based (spring, fall, summer and winterfest) and involve a community of online learners. Student should consult with and enroll directly through his or her academic advisor. Course space is limited. Course schedule and online learner expectations are found at www.sbuniv.edu/ExtendedLearning/Online.

Online Dual Credit

SBU offers semester-based (spring, fall, and summer) online dual credit courses. All students accepted into these courses must have at least a 3.0 GPA and be recommended by his/her principle or official designee. Dual credit courses are available only to high school students. Course offerings and additional information are found at http://www.sbuniv.edu/dual_credit/index.htm

Online Independent Study (OLIS)

The Online Independent Study (OLIS) program offers a variety of college credit courses through web-based independent study. For complete program policies and course offerings please visit the Department of Extended Learning web site at www.sbuniv.edu/ExtendedLearning/OLIS.

Non-SBU Student

An individual not officially admitted to the University may view 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. OLIS 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 as detailed elsewhere in this catalog under Load Limit for Credit Hours. 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.

Students who have been placed on academic difficulty, special guidance or probation are not allowed to enroll in OLIS courses.

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 on-campus 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. A branch campus student **must** obtain the approval of his or her campus director or designated advisor.

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. 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. 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 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.

For a more detailed description of specific academic regulations and guidelines see the SBU Online Independent Study web site. Information regarding Online Independent Study may be obtained through the Department of Extended Learning.

OLIS Tuition and Fees – See "Financial Information," page 23 for costs.

OLIS Refund Policy – See "Financial Information," page 25 for costs.

Cancel Enrollment/Withdraw from a Course

To cancel or withdraw officially from a course, a student must contact the Department of Extended Learning in **writing**. A student must make the request in writing and then send the request directly to the Department of Extended Learning. The postmark will be used as the withdrawal date. A student may officially withdraw from a course at any time during the first six months after enrollment. 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.

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. 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 and send the student a copy. 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 request (in writing) official withdrawal 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).

Online Independent Study

(All courses earn semester credit hours. Some courses have prerequisites. See Course Description portion of this catalog for details. Courses subject to change without notice. See current Online Independent Study web site at www.sbuniv.edu/ExtendedLearning/OLIS for current policies and course offerings.)

BIOLOGY

BIO/ATH 2243 Nutrition

ECONOMICS

ECO 2003 Literacy in Free Enterprise (LIFE) Economics

FINE ARTS

FAR 1003 Introduction to Fine Arts

FAR 1023 Introduction to Music

GEOGRAPHY

GEO 1103 Geography

HEALTH AND PHYSICAL EDUCATION

KIN 1043 Personal and Community Health

KIN 1162 Foundations of Physical Education & Wellness

KIN 2022 Perceptual Motor Development

KIN 2063 School Health Education

(NOT OPEN TO SBU STUDENTS)

KIN 3133 Teaching Physical Education in the Elementary School *(NOT OPEN TO SBU STUDENTS)*

HISTORY

HIS 2213 History of the United States, 1492-1877

HIS 2223 History of the United States, 1877 - present

POLITICAL SCIENCE

POL 1113 American Government and Politics

PSYCHOLOGY

PSY 1013 General Psychology

PSY 2063 Systems of Psychology

PSY 3033 Abnormal Psychology

PSY 3053 Child Development

PSY 3063 Human Growth and Development

PSY 3093 Psychology of Learning

PSY 4033 Adolescent Development

SOCIOLOGY

SOC 1003 Introductory Sociology

SOC 2003 Social Problems

SOC 3003 The Family

SOC 4033 Criminology

SOC 4083 Gerontology

COURSE DESCRIPTIONS - UNDERGRADUATE

Undergraduate courses offered by SBU are divided into four categories.
In general, the following may be considered guidelines:

- | | |
|--|--|
| <ol style="list-style-type: none"> 1. 1000 level courses are primarily for freshman students. 2. 2000 level courses are primarily for sophomore students and those students with essential prerequisites or backgrounds. | <ol style="list-style-type: none"> 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 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 accounting information systems, accounting-related information, and computer software as applied to the financial reporting and managerial decision-making needs of businesses and organizations. A primary focus will be applying these principles through the use of accounting and business software to organize, process, and manage financial information for reporting and management purposes. Course fee: \$30. Prerequisite: ACC 3024.

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 (Winterfest)

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 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 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 (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 traditional camera and dark room equipment. Emphasis on creative photographic composition, developing and enlarging in black and white, critique and presentation of printed work. Must have access to a 35 mm SLR camera. Lab fee \$35.

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 \$20.

ART 2023. Sculpture I - 3 hours (Spring)

An introduction to basic three-dimensional design, principles, concepts and production techniques. Lab fee \$20. Prerequisite: ART 1103.

ART 2033. Painting I - 3 hours (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)

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 \$35. 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 \$20. 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 \$20. 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 \$25. 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 \$35. Prerequisite: Art 2703.

ART 3103. Printmaking - 3 hours (Spring)

A course concerned primarily with commercial printing and/or traditional printmaking issues and topics. Lab fee \$25. 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 traditional photography with an emphasis on commercial approaches to imagery, content and technique. Black and white. Lab fee \$35. 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 \$25. 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 \$25. Prerequisite: ART 3403.

ART 3503. Advanced Sculpture Studio I - 3 hours (On demand)

Advanced problems in three-dimensional media. Emphasis on creativity. Lab fee \$15. Prerequisite: ART 3023.

ART 3513. Advanced Sculpture Studio II - 3 hours (On demand)

Continuation of ART 3503. Lab fee \$15.

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 \$35. 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 \$35.

ART 3723. Digital Imaging Concepts - 3 hours (Spring)

Concentrated study of image-based visual communication concepts and studio techniques. Lab fee \$35. Prerequisite: ART 2703.

ART 3813. Fibers - 3 hours (Spring)

An introduction to the knowledge of various fibers and their use. Course fee \$25. 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.

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 \$35. 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 \$35. 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 \$35. 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 \$15.

ART 4503. Advanced Sculpture Studio III - 3 hours (On demand)

Continuation of ART 3513. Lab fee \$15.

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 \$35. 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 \$35.

ART 495(1-4). Intensive Studies in Art - 1-4 hours

Selected problems for the advanced student in one topic.

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.

Methods in Art Education (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 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 (Fall)

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 (Spring)

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. General Medical and Pharmacology - 3 hours (Spring)

Prepares the athletic training student to properly identify, examine and assess general medical conditions. This course will also prepare the athletic training student to understand the physiology of pharmaceuticals, indications, contraindications and adverse side effects of common pharmaceuticals utilized with the athletic realm. Prerequisite: ATH 3114.

ATH 4014. Therapeutic Modalities - 4 hours (Fall)

Prepares the ATS to choose and effectively utilize the proper therapeutic modality to manage signs and symptoms commonly associated with athletic injuries including thermal, electrical, sound, biofeedback, and mechanical. Management of common medical disorders will also be discussed. 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 (Fall)

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. Athletic Training Professional Seminar - 3 hours (Spring)

The capstone experience will provide an opportunity to analyze and synthesize current and relative special topics in the profession of athletic training as it pertains to professional development or the care of the athlete. Special attention will be given to clinically based research application and professional development. Prerequisite: ATH 4023.

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 4123.

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 4123.

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 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 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 \$48.

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 \$20.

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 \$50. Prerequisite: ACT score of 25 in Science Reasoning.

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 \$48. Prerequisite: BIO 1004 or ACT of 24 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 \$48. Prerequisite: BIO 1004.

BIO 2213. Introduction to Microbiology - 3 hours (Offered only at Springfield campus)

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 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 \$48.

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 \$48. 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)

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 \$48. Prerequisite: BIO 1004 or BIO 2204.

BIO 3314. Microbiology - 4 hours (Fall, even years, rotating with BIO 3364)

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 \$48. Prerequisites: BIO 1004 and CHE 1115.

BIO 3322. Introduction to Immunology - 2 hours (On demand)

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 \$98. 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 \$48. 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 \$68. 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 \$48. 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 \$48. Prerequisite: BIO 2234.

BIO/CHE 3364. Biochemistry - 4 hours (Fall, odd years)

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 \$98. Prerequisite: CHE 3314. CIS 1103 is strongly recommended.

BIO 3384. Histology - 4 hours (Spring, every third year, rotating with BIO 3394 and BIO 4444)

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 \$48. Prerequisites: BIO 2204 and 3304 or 3335.

BIO 3394. Pathogenic Microbiology - 4 hours (Spring, every third year, rotating with BIO 3384 and BIO 4444)

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 \$48. 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 \$48. Prerequisite: BIO 2234.

BIO 3544. Wildlife Biology - 4 hours (Spring, odd 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 \$48. 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 \$98. 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 (Fall, even years)

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 \$68. Prerequisites: BIO 1004 and 64 hours completed.

BIO 4444. Vertebrate Embryology - 4 hours (Spring, every third year, rotating with BIO 3384 and BIO 3394)

Study of the embryological development of the vertebrate and controlling mechanisms involved. Two lectures, two laboratories each week. Lab fee \$48. Prerequisites: BIO 1004, BIO 2134, and 64 hours completed.

BIO 4471. Seminar in Biology - 1 hour (Fall)

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 Secondary School (see EDU 4522)

BUSINESS

BUS 1013. Introduction to Business - 3 hours (Fall, Spring)

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 College Algebra or MAT 1163 Precalculus 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. Prerequisites: 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

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.

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 (On demand)

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. Prerequisites: 60 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 hours completed.

CHEMISTRY

CHE 1104. Principles of Chemistry - 4 hours (Fall)

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 \$48. 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 \$60. 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 \$60. 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 \$12-\$36 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 \$48. 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 \$48. Prerequisite: CHE 3304.

CHE 3324. Physical Chemistry I - 4 hours (Spring, odd years)

Study of physicochemical systems, kinetic theory, thermodynamics, chemical equilibria and solutions. Three lectures, one laboratory each week. Lab fee \$48. Prerequisites: CHE 1125, MAT 1195.

CHE 3334. Physical Chemistry II - 4 hours (On demand)

Study of experimental and theoretical chemical kinetics, statistical mechanics, electrochemistry, molecular structure and quantum chemistry. Topics chosen to provide maximum benefit to the students enrolled. Three lectures, one laboratory period. Lab fee \$48. Prerequisite: CHE 3324.

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 \$60. Prerequisite: CHE 1125.

CHE 3354. Instrumental Analysis - 4 hours (Spring, even years)

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 \$48. 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 \$98. 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 4414. Advanced Inorganic Chemistry - 4 hours (On demand)

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. Lab fee \$48. 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 \$12-\$36. 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 \$12-\$60 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.

CHRISTIAN EDUCATION**CED 2003. Introduction to Christian Education - 3 hours (Fall)**

- 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)**
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)**
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)**
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)**
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 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. Songleading for Small Churches - 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. The Mission and Ministry of the Church - 3 hours (Fall)**
Study of the work of the various ministers of the local church with special attention given to the work of the minister of the word (pastor). Prerequisites: BIB 1013, 1023.
- CHR 3023. Introduction to Preaching - 3 hours (Spring, 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 field work. Apprenticeships may be done in the following areas: Associational, chaplaincy, pastoral, church secretarial, missions and other approved areas. Prerequisite: 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.**

COMMUNICATION

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 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/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 2103. Newspaper Practicum – 3 hours (Fall, Spring)

Guided practical experience in college newspaper production.

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)

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)

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, odd 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 (Spring)

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 3363. American Public Address - 3 hours (Spring, on demand)

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 3983. Journalism Law and Ethics - 3 hours (Fall)

This course explores the legal and ethical aspects of the profession of journalism.

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/THR 4311. Senior Capstone - 1 hour (On demand)

This course is designed as a comprehensive measure of the knowledge and skill students have acquired in their particular communication arts major. There will be two primary dimensions to the capstone course: 1) an opportunity for students to reflect on and undergo assessment of their body of work in their major; and 2) an opportunity to synthesize the knowledge of communication arts theory and practice in a final project performance. The portfolio and presentation will serve to demonstrate whether or not students have successfully completed the work required for their chosen degree. Since the department is diverse in emphases and specializations, each student will be given an opportunity to design a final project consistent with his/her interests and experience.

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 4283. 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)

(Limit of three (3) hours applied toward major.)

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 in the Middle and Secondary Schools

(See EDU 4502).

Methods of Teaching Speech in the Secondary Schools

(See EDU 4552).

COMPUTER AND INFORMATION SCIENCES**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)

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. Lab fee \$12. Prerequisite: MAT 1143 or concurrent enrollment.

CIS 1103. Introduction to Computing - 3 hours (Fall, Spring, Winterfest, Summer)

An introduction to the components of computer systems and their applications. Special emphasis is given to microcomputer systems and to the following common microcomputer applications: systems software, word processors, desktop publishing software, electronic spreadsheets and business graphics, database management systems and communication software. The course includes two lecture periods and one structured lab session per week. 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 (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 and MAT 1173.

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, issues and techniques related to designing, developing and deploying Web sites. Design issues and standards specific to websites are included. Topics include web tools, including servers, editors, image manipulation tools, utilities, cloud computing, traffic analysis, internet security and e-commerce issues.

Lab fee \$12. Prerequisite: CIS 1154 with a grade of C or better.

CIS 2213. Systems Analysis and Design - 3 hours (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 2233 (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.

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 3003. Web Animation - 3 hours (Spring, odd years)

A course focusing on tools and technologies related to animation in web sites. Students will become familiar with current animation tools and techniques for embedding animation in web environments. Scripting languages will be utilized to enhance interactivity and functionality. Lab fee \$12. Prerequisite: CIS 1154 with a grade of C or better.

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. Lab fee \$12. Prerequisites: CIS 2213.

CIS 3333. Algorithms and Data Structures - 3 hours (Fall)

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 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 4423. Operating Systems - 3 hours (Spring, even years)

Introduction to the design and architecture of operating systems. Lab fee \$12. Prerequisite: CIS 2233.

CIS/MAT 4433. Advanced Discrete Mathematics & Numerical Analysis - 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, number systems, combinatorics, and discrete probability. 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: MAT 1173 and MAT 2263.

CIS 4443. Networks - 3 hours (Spring)

This course examines the physical and conceptual structures underlying local and wide area networks. Topics include network topologies and architectures, common protocols, and error and flow control mechanisms. Programming assignments will include multithreaded clients and servers. Lab fee \$12. Prerequisites CIS 3333 with a grade of C or better.

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 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 4503. Principles of Information Assurance - 3 hours (Summer, online)

This course provides an overarching model for information assurance for businesses, government agencies, and other enterprises needing to establish a comprehensive plan. All the components of security and how they relate are featured. Students will be guided through the construction of an effective security policy. Topics include asset identification, human factors, compliance with regulations, personnel security, risk assessment and ethical considerations are covered, as well as computer and network security tools and methods. Prerequisite: CIS1103 or equivalent.

CIS 4513. Digital Forensics Principles and Practices - 3 hours (Summer, online)

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 in outside of class laboratories. Prerequisite: CIS 1033 or 1144.

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 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.

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. Prerequisite: CRJ 2313.

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, 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 College of Business and Computer Science requirements. Not available to students who have taken a previous economics course. Prerequisite: 24 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 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.

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. SIFE Practicum - 1 hour (Fall, Spring)

Students in Free Enterprise (SIFE) is a national collegiate educational organization. Students will design and implement projects to educate various segments of the public about the nature and benefits of our American economic system. This course is a hands-on learning experience which will help develop the participant's communication and management skills.

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 2033 and BUS 2023.

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 hours completed.

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. Prerequisite: 3.0 GPA in major field, and 60 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. Either EDU 2113 or 2313 must be taken at Southwest Baptist University unless consent is obtained from the Director of Teacher Education. 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 is limited to those students who have a cumulative GPA of 2.50, have a documented ACT or SAT score on file in the Office of Teacher Education (if applicable), have passed all sections of the C-BASE and have completed their file in the Office of Teacher Education. Only professional education courses transferred from Missouri junior colleges that are state approved and from 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 upper-level EDU courses.

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. Students should be enrolled concurrently in Field Experience Level 1 or Field Experience Level I 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)

Thirty 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), 2.0 GPA and completion of the teacher education file. Permission from the Coordinator of Clinical Experiences must be obtained, and student 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)

Thirty 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), 2.00 GPA and completion of the teacher education file.

Permission from the Coordinator of Clinical Experiences must be obtained, and student 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)

Thirty 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), 2.00 GPA and completion of the teacher education file. Permission from the Coordinator of Clinical Experiences must be obtained, and student must pre-enroll. Course fee \$10. *Pass/Fail credit is given.*

EDU 2232. Introduction to Early Childhood Education - 2 hours (Fall)

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 2.0 GPA.

EDU 2243. Health, Safety and Nutrition for the Young Child - 3 hours (Spring)

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 2.00 GPA.

EDU 2313. Foundations of Education - 3 hours (Fall, Spring)

The course presents major issues of schooling and education basic to professional preparation. Areas included are philosophy, history of American education, administration, governance, finance, legal aspects, social issues, use of technology in instruction, and current topics in the field. Prerequisites: ENG 1113 and 2213, or ENG 1123 and 2.0 GPA. Students should be enrolled concurrently in Field Experience 1 or Field Experience 1 may be taken with EDU 2113, Educational Psychology.

EDU 2332. Teaching the Young Child - 2 hours (Spring)

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 ENT 1123 and 2.0 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, 2.00 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, 2.00 GPA, and 30 hours completed. Lamination fee \$5.

EDU 2381. Practicum - Infant/Toddler - 1 hour (Fall, Spring)

Provides 30 clock hours of experience with infants and toddlers. Students will experience a variety of infant/toddler facilities. Students will apply developmentally appropriate practices for young children. Lab fee \$18. Concurrent enrollment in EDU 2232 or EDU 2332 and 2.00 GPA are required.

EDU 2391. Practicum - Preschool/Kindergarten - 1 hour (Fall, Spring)

Provides 30 clock hours of clinical experience and student participation in a PreK and Kindergarten setting. Involves planning and teaching daily activities and a weekly unit that incorporates the use of literature, art, science, music, mathematics, language and motor skills which are developmentally appropriate for the preschool child. Lab fee \$18. Concurrent enrollment in EDU 2232 or EDU 2332 and 2.00 GPA are required.

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, with an emphasis on connection of these practices with research that is both supportive of their implementation and based on the needs of young adolescents. Prerequisites: EDU 2113 and 2313 or concurrent enrollment and 2.00 GPA.

EDU 2483. School, Home, and Community Partnerships - 3 hours (Spring)

This course exposes future early childhood teachers to the history, current trends and issues of parent and community involvement in the schools. Additionally, the course utilizes materials, techniques and resources for the improvement of home, school and community partnerships in the education of children from birth through third grade. Prerequisites: EDU 2113, 2313 or concurrent enrollment and 2.00 GPA.

EDU 2512. Teaching Reading in the Middle School - 2 hours (Fall, even years)

Examines methods and materials currently being used to teach reading in today's middle school classroom. Prerequisites: Sophomore standing, completion of English composition courses, EDU 2113 and EDU 2313 or concurrent enrollment in EDU 2113 and EDU 2313 and 2.00 GPA.

EDU 2823. Technology for Educators - 3 hours (Fall, Winterfest, Spring)

Develops teachers who are able to apply technology skills and strategies in a variety of personal and professional functions including the development of an electronic portfolio, to effectively use media to maximize student learning, and to use a wide variety of media and technological systems in teaching and evaluation of student learning. Because the student teaching portfolio is developed in this class, this course is designed for elementary education students in their sophomore year and for middle and secondary education students during their junior or senior years before student teaching. Prerequisites: CIS 1103 or 1033. Prerequisites: EDU 2113, 2313 or concurrent enrollment and 2.00 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.

EDU 3002. Teaching Social Sciences in Early Childhood and Elementary Schools I - 2 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 including history, civics, social and cultural relationships. Prerequisites: EDU 2113, 2313, 2343, 2353. Lamination fee \$5.

EDU 3022. Teaching Social Sciences in Early Childhood and Elementary Schools II - 2 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 including geography, economics, and civic education. Prerequisites: EDU 2113, 2313, 2343, 2353. Lamination fee \$5.

EDU/PSY 3053. Child Development - 3 hours (Fall, Spring)

A study of the operation of normal psychological and developmental processes in the lives of children from birth to adolescence. Prerequisite: PSY 1013 or EDU 2113.

EDU 3114. Teaching Reading/Language Arts in Early Childhood and Elementary Education I - 4 hours (Fall, Spring)

Students examine the teaching of the language arts components (reading, writing, speaking, and listening) as well as "Literacy's Big 5." Students 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. Prerequisites: EDU 2113, 2313, 2343, 2353.

EDU 3124. Teaching Reading/Language Arts in Early Childhood and Elementary Education II - 4 hours (Fall, Spring)

Students apply the principles of integrated language arts teaching throughout the curriculum. Pre-service teachers 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. Prerequisites: EDU 2113, 2313, 2343, 2353.

EDU/KIN 3133. Teaching Physical Education in the Elementary School - 3 hours (Spring, even years)

Teaching methods; selection of activities; program planning; emphasis on development of a progressive curriculum.

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 2113, 2313.

EDU 3162. Teaching Integrated Math in Early Childhood and Elementary Education - 2 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 2113, 2313, two college level math courses above MAT 0123.

EDU 3182. Teaching Integrated Science in Early Childhood and Elementary Education - 2 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 2113, 2313, 2343, 2353, two science courses - a biological science with a lab and a physical science with a lab.

EDU 3212. Screening, Diagnosis and Prescription in Early Childhood Education - 2 hours (Fall)

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 2113, 2313, 2332, 2343, 2381, 2391. 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.

EDU 3311. Field Experience Level 2 in Lower Elementary, Grades 1-3 - 1 hour (Fall, Spring)

Minimum of thirty clock hours of supervised practical experience in the classroom at the early childhood level taken concurrently with methods courses. Prerequisites: EDU 2113, 2313, 2391 or 2121. Permission from the Coordinator of Clinical Experiences must be obtained and student 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 thirty clock hours of supervised practical experience in the classroom at the elementary school level taken concurrently with methods courses. Prerequisites: EDU 2113, 2313, 2391 or 2121. Permission from the Coordinator of Clinical Experiences must be obtained and student 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 thirty clock hours of supervised practical experience in the classroom at the middle/junior high level taken concurrently with EDU 4493. Prerequisites: EDU 2113, 2313. Permission from the Coordinator of Clinical Experiences must be obtained, and student 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 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, and 2141.

EDU 3341. Field Experience Level 2 in Secondary School - 1 hour (Fall, Spring)

Minimum of thirty clock hours of supervised practical experience in the classroom at the secondary school level. Must be taken concurrently with EDU 3333. Prerequisites: EDU 2113, 2313. Permission from the Coordinator of Clinical Experiences must be obtained and student must pre-enroll. Course fee \$10. *Pass/Fail credit is given.*

EDU 3613. Teaching Reading in the Content Areas - 3 hours (Fall, Spring)

Designed to assist middle school/junior high and/or secondary teachers in the use of functional reading strategies which enable students to use reading as a tool to learn in various content areas. Prerequisites: EDU 2113, 2313.

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, 2313, MUS 1621 and 1623 (music majors and minors only).

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, and the total make-up of the classroom will be studied, discussed, researched, and observed in early childhood and elementary class settings. Prerequisites: EDU 2113, 2313, 2343, 2353.

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 students 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 for students versus simply controlling and conforming behavior. Prerequisites: EDU 2113, 2313.

EDU 4112. Teaching Writing - 2 hours (Block-Fall, odd years)

This course is designed to stress the teacher's role in the writing process and introduce writing activities that may be implemented in the classroom for different areas of the curriculum. A variety of instructional approaches to teaching middle school students to write will be addressed. The course will focus on writing as process and product. Prerequisites: EDU 2113, 2313.

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. Prerequisites: EDU 2113, 2313, 2463.

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. As a result of this course, students will develop pedagogical practices that meet the vast physical, emotional, social, intellectual and affective developmental needs of young adolescents. **Middle school majors must take Field Experience Level 2 (EDU 3331) concurrently.** Prerequisites: EDU 2113, 2313, 2463.

EDU 4502. Methods of Teaching Theatre - 2 hours (Fall)

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.

EDU 4512. Methods of Teaching Art, K-12 - 2 hours (Fall)

Understanding motivation, materials and techniques in school art programs. Prerequisites: EDU 2113, 2313.

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.

EDU 4552. Methods of Teaching Science in the Middle and Secondary Schools - 2 hours (Fall)

Course will provide practical methods for the prospective teacher 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.

EDU/HPE 4533. Methods of Teaching Health and Physical Education, 5-12 - 3 hours (Block-Fall)

Teaching methods; selection of activities; program planning; emphasis on development of a progressive curriculum (restricted to health and physical education majors and minors.) Prerequisites: EDU 2113, 2313.

EDU 4542. 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.

EDU/ENG 4543. Methods of Teaching Writing in the Secondary School - 3 hours (Spring)

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, 2313.

EDU 4552. Methods of Teaching Speech in the Middle and Secondary Schools - 2 hours (On sufficient demand)

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 and dramatic activities. Prerequisites: EDU 2113, 2313.

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.

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, 2313, MUS 1621, MUS 1623.

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, 2313, MUS 1621, MUS 1623.

EDU 4593. Spiritual Issues in Public Schools B 3 hours (Winterfest, Spring)

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.

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. 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. Prerequisites: EDU 2113, 2313. 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 \$300.

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 \$300.

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 \$300.

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 \$300.

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 2113, 2313.

EDU 499(1-3) Independent Studies (Elementary Majors) - 1-3 hours (On demand)

Advanced studies of specific topics arranged by department chair. Prerequisites: EDU 2113, 2313.

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 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 2312. Survey of World Literature - 2 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/WRT 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, even 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 3233. Medieval and Renaissance English Literature - 3 hours (Spring, odd 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 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.

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 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 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 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 4053. ESL: Practicum for ESL Teachers - 3 hours (Spring, even years)

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 4433. Twentieth-Century English Literature - 3 hours (Fall, even years)

Literature of England from Hardy to Fowles. Prerequisite: Completion of the general education requirement in composition.

ENG 4453. Milton - 3 hours (Spring, even years)

Life and works of Milton. Prerequisite: Completion of the general education requirement in composition.

ENG 4463. Contemporary Poetry - 3 hours (Fall, odd years)

Poetry of the modern world. Prerequisite: Completion of the general education requirement in composition.

ENG 4483. The American Novel - 3 hours (Spring, even years)

Representative American novels from Colonial Period to present. Prerequisite: Completion of the general education requirement in composition.

ENG/EDU 4543. Methods of Teaching Writing in the Secondary Schools - 3 hours (Spring)

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.

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.

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, Spring)

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. Course fee \$95.

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 and dual enrollment in ESC 4053 Biomechanical Analysis.

ESC 4053—Biomechanical Analysis - 3 hours (Spring)

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 and dual enrollment in ESC 4043 Exercise Science Practicum.

Course fee \$25.

ESC 4986—Exercise Science Internship - 6 hours (Fall, Spring, Summer)

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.

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, BUS 2023.

FIN 4023. Special Topics in Finance/Economics - 3 hours (Winterfest)

A study discussion of the theory, recent history and current problems of economics and finance issues. Prerequisite: 60 hours completed.

FIN 4033. Introduction to Derivatives - (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. Prerequisite: BUS 2023

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. Lab fee \$12. Prerequisite: FIN 3053.

FIN 4063. Commercial Banking - (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 and Risk Management - (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: BUS 2023.

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 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 life saving 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 online 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/NUR 3003. Legal and Ethical Issues for Health Professionals - 3 credit hours Professional fee \$150; Library fee \$60.

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 Professional fee \$150; Library fee \$60.

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 3073. Patient Education and Health Promotion- 3 hours (On demand)

This course will focus 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.

HSC/NUR 3563. Health Care Informatics - 3 hours (Fall, Spring) Professional fee \$150; Library fee \$60.

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 credit hours Professional fee \$150; Library fee \$60.

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 credit hours Professional fee \$150; Library fee \$60.

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.

HSC/NUR 4344. Theories and Research - 4 hours (Fall, Spring)

This course surveys selected theories for relevance in nursing practice and application to person, health, society/environment and the nursing profession. The role of nursing theories in the research process with contribution to the development of nursing knowledge is explored. The elementary components of the research process with emphasis on critical examination of selected nursing research literature are introduced. Prerequisite/Corequisite: Statistics, current RN license.

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 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 to the Renaissance - 3 hours (Fall)

The roots of modern western civilization from the dawn of agricultural society in the Middle East and other regions to the Renaissance in western Europe. Course fee: \$2.

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 Renaissance in Western Europe to the present day. Course fee: \$2.

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 Reconstruction. Prerequisite: A minimum composite ACT of 28 or SAT equivalent. Course fee: \$2.

HIS 2213. History of the United States, 1492-1877 - 3 hours (Fall, Spring)

Political and social survey of United States history from colonization to the end of Reconstruction. Course fee: \$2.

HIS 2223. History of the United States, 1877-Present - 3 hours (Fall, Spring)

Political and social survey of United States history from the Gilded Age to the present. Course fee: \$2.

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. Course Fee: \$20.

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 (Winterfest or 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 late Empire of the fourth century A.D.

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 (Summer or 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 (Spring, odd years)

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 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. Prerequisite: HIS 2213.

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. Prerequisite: HIS 2213.

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. Prerequisite: HIS 2213 or 2223.

HIS 3843. Recent United States History, 1928-1974 - 3 hours (Spring, odd years)

A topical exploration of the period with emphasis on the Great Depression and New Deal, domestic effects of World War II and the Cold War, the Civil Rights Movement, Vietnam, the Johnson and Nixon presidencies and Watergate. Course requirements stress reading, writing, and class participation. Prerequisite: HIS 2213 or 2223.

HIS 3893. United States Diplomatic History, 1929-Present - 3 hours (On demand)

Survey of 20th century diplomatic relations of the United States. Prerequisite: HIS 2213 or 2223.

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. Prerequisites: BIB 1023 or HIS 1113.

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 (Fall, Spring)

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 (Fall, Spring)

(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.

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 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. 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 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 Reconstruction. 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.*

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.

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 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. Course fee \$30. 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 Platforms - 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 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 (Fall)

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 (Spring)

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 1031. Tennis - 1 hour (Fall, Spring)

Basic skills, rules and courtesies of tennis are presented.

KIN 1033. Foundations of Physical Education and Sport - 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 (Fall)

Basic skills, rules and individual performance in golf. Course fee \$40.

KIN 1043. Personal and Community Health - 3 hours (Fall)

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 (Fall)

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 (Spring)

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 (Fall)**
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)**
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)**
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 Sports 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 (Fall)**
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 (Fall)**
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, even years)**
A study of the rules, methods and techniques of officiating sports. Emphasis will be on major sports.
- KIN 2022. Perceptual Motor Development - 2 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, even years)**
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)**
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 (Spring, odd years)**
Curriculum for and methods of teaching health education in elementary and secondary schools.
- KIN/REC 2072. Senior Adult Recreation - 2 hours (Spring, even years)**
An investigation of the needs and potentials of senior adults with emphasis on recreation programming opportunities. Problems of aging are also considered.
- KIN/REC 2092. Recreation and 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/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, odd years)**
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: HPE 1011 and 1021.
- 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, odd years)

Study of basic rhythmic patterns including application of basic movements and teaching methods. Course fee \$25.

KIN 3053. Measurement and Evaluation in Physical Education - 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)

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 (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. Course fee \$12.

KIN 3082. Care and Prevention of Athletic Injury - 2 hours (Spring on demand)

A course to develop skills in the prevention and care of the injuries common to athletic activities; includes both lecture and laboratory experiences. Prerequisite: KIN 2133. Course fee \$12.

KIN 3092. Standard First Aid - 2 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 \$70.

KIN 3093. Sport Safety Training - 3 hours (Fall, Spring)

The purpose of this course is to provide students with the knowledge and skills necessary to help provide a safe environment for athletes while they are participating in sports and, in an emergency, to help sustain life and minimize the consequences of injury or sudden illness until medical help arrives. Course fee \$80.

KIN/EDU 3133. Teaching Physical Education in the Elementary School - 3 hours (Spring, even years)

Teaching methods; selection of activities; program planning; emphasis on development of a progressive curriculum. Course fee \$20.

KIN 4002. Sports 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)

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. Sports and Physical Activity in American Society - 3 hours (Spring)

A study of the place of sports and physical activity in American society. Principles, historical events and current status of sports and physical activity will be studied. Required of Physical Education/Sports Management majors. Prerequisite: 64 hours completed.

KIN/REC 4023. Organization and Administration of Sport - 3 hours (Fall)

A course emphasizing the methodology of planning, organizing, administering and managing the physical education or recreation department. Consideration given to staff and personnel, equipment, budgeting, records, reports and programming. Prerequisite: 64 hours completed.

KIN 4043 Adapted Physical Education – 3 hours (Block, Spring)

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/EDU 4533. Methods of Teaching Health and Physical Education, 5-12 - 3 hours (Block-Fall)

Teaching methods; selection of activities; program planning; emphasis on development of a progressive curriculum (restricted to health and physical education majors and minors.)

KIN 4762. Problem Solving in Recreation and Sports Management - 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 (Spring)

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)
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 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 \$40.

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.

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. Administrative Communications/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. Prerequisite: BUS 2013, 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. Management Strategy and Policy - 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.

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 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.

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.

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.

MKT 3083. Creative Advertising - 3 hours (Winterfest)

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 will include films, guest speakers, field trips and creative advertising projects. Course fee \$20.

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, 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. Prerequisite: 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.

MKT 4253. Web 2.0 Marketing - 3 hours (Fall)

Explores the fundamentals, opportunities, and challenges of Web 2.0 marketing. Students will be required to build and participate in Web 2.0 sites (social networking sites, blogs, wikis, video sharing sites, hosted services, web applications,

mashups, and folksonomies). After completing the course, students will know how to strategically integrate Web 2.0 into a company's marketing plan.

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. Prerequisite: 3.00 GPA in major field, and 60 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 9 on the prealgebra portion of the enhanced ACT Examination. 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 \$12.

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: Appropriate scores on the prealgebra and intermediate algebra portions of the enhanced ACT Examination or a minimum grade of C in MAT 0103. This course does not count toward the 128 hours required for graduation. Lab fee \$12.

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: Satisfactory scores on the prealgebra and intermediate algebra portions of the enhanced ACT Examination 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: Satisfactory scores on the prealgebra and intermediate algebra portions of the enhanced ACT Examination, a minimum of B in MAT 2283, 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 satisfactory scores on the prealgebra and intermediate algebra portions of the enhanced ACT Examination. **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. Analytics and 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 satisfactory scores on the prealgebra, intermediate algebra and trigonometry portions of the enhanced ACT Examination. **Note:** A student who takes BUS/MAT 1193 and MAT 1195 will receive credit for only MAT 1195.

MAT 2255. Analytics and 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. Analytics and 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 2283. Survey of Mathematics for Elementary and Middle School Teachers I - 3 hours (Fall)

This course presents sets, set notation, and symbolic logic in order to describe and define number properties and operations. It includes an axiomatic development of the system of whole numbers. The course investigates the concepts of addition, subtraction, multiplication, and division algorithms for whole numbers, integers, and rational numbers, using manipulatives. This leads to the development of algorithms. Open only to students preparing to teach in the elementary or middle school. Prerequisite: Satisfactory scores on the prealgebra portion of the Enhanced ACT Examination, a minimum grade of B in MAT 0103 or minimum grade of C in MAT 0123.

MAT 2293. Survey of Mathematics for Elementary and Middle School Teachers II - 3 hours (Spring)

This course extends the concepts of number theory to algebraic reasoning. Concepts of probability and statistics are explored. Analytic, synthetic, and transformation geometry are investigated. Open only to students preparing to teach in the elementary or middle school. Prerequisite: MAT 2283.

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. Probability and 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.

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 Praxis - 1 hours (Spring)

This seminar course is designed to help students seeking certification in secondary school mathematics prepare for the Praxis Exam. The course will be focused on the content of this exam and test taking strategies.

MAT/CIS 4433. Advanced Discrete Mathematics & Numerical Analysis - 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, number systems, combinatorics, and discrete probability. 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: MAT 1173 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 hemostasis 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. Immunoematology 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 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 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 \$10.

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 \$10.

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 \$10.

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 \$10.

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 \$10. 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 1603. Music Fundamentals - 3 hours (Spring)

An elementary study of the basic fundamentals of music reading and writing including notation, rhythm, chords and pop/gospel (guitar) chord symbols. Training in how to compose a song.

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 \$10.

MUS 1613. Theory I - 3 hours (Fall)

An intensive study of theoretical concepts of music organization, including notation, melody, rhythm and harmony. Beginning functional keyboard study. Taken concurrently with MUS 1611; music majors and minors; others with consent of theory coordinator. Enrollment based on successful completion of the theory placement examination or completion of MUS 1603.

MUS 1621. Sightsinging/Eartraining II - 1 hour (Spring)

- Continuation of MUS 1611. Must be taken concurrently with MUS 1623. Lab fee \$10. Prerequisite: MUS 1611 with a minimum grade of C.
- MUS 1623. Theory II - 3 hours (Spring)**
An historical/analytical study of the theoretical concepts of music through the classical period. Functional keyboard study. Taken concurrently with MUS 1621. Prerequisite: MUS 1613 with a minimum grade of C.
- 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 \$10.
- 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 \$10.
- MUS 2611. Sightsinging/Eartraining III - 1 hour (Fall)**
Advanced work in sightsinging and aural perception. Must be taken concurrently with MUS 2613. Lab fee \$10. 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 \$10. 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 \$10.
- 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 \$10. Prerequisite: MUS 2613 with a minimum grade of C.
- 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 \$15.
- MUS/CHR 2712. Worship Leading for Small Churches - 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 \$15.
- 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 \$15.
- 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 \$15.
- 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 \$15.
- 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 \$10.
- 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 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 (Spring, odd 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 (Fall, even 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.
- 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.
- 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.
- MUS 3913. Music Merchandising - 3 hours (On demand)**
Survey and hands-on experience in the day-to-day operations of a retail music establishment, with emphasis on good merchandising practice.
- 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.
- 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.
- 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.
- 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 \$10. 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 \$50. Prerequisite: MUS 3743 and 4743.

MUS 495(1-4). Intensive Studies 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 4984. Internship in the Music Industry - 4 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 \$10.

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 \$10.

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 \$10.

MUS (1,2,3,4)031. 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 \$10.

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.

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.

MUS (1,2,3,4)061. Brass Ensemble - 1 hour (Spring)

Open to all students by audition. Various quartets, quintets and choirs.

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.

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.

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.

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.

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.

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 \$175 per credit hour per semester. Practice room fee \$25 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.

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
 438(1,2) Applied Conducting
 439(1,2) Applied Composition

NURSING

NUR 1006. Fundamental Concepts of Nursing - 6 hours.

(Contact hours: 45 classroom, 135 clinical)

This course introduces concepts and theories fundamental to professional nursing including the role of the nurse, nursing process, communication, patient education and basic physiological and psychosocial assessment. Students learn at a beginning level a wide range of nursing skills that an associate degree nurse encounters. Skills are taught in the clinical lab initially and then applied in patient care settings. Prerequisites: BIO 2204, BIO 2213, BIO 3304, CHE 1104. The following are co-requisite if not previously completed: NUR 1023, CIS 1103, PSY 1013.

NUR/HSC 1013. Medical Terminology - 3 hours. (On demand)

This online 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.

NUR 1023. Pharmacology for Nurses - 3 hours.

(Contact hours: 45 classroom)

This course presents the general principles of pharmacological therapies and major drug classifications utilizing a nursing process approach. Prerequisites: BIO 2204, BIO 3304, CHE 1104, BIO 2213. The following are co-requisite if not previously completed: NUR 1006, CIS 1103, PSY 1013.

NUR 1104. Paramedic/Advanced Placement Bridge - 4 hours.

(Contact hours: 39 classroom, 65 clinical)

This course introduces paramedics to professional nursing practice ranging from basic concepts and theories to care of the medical and surgical patients as found in NUR 1134 and NUR 1135. Technical skills and pharmacological interventions as found in NUR 1006 and NUR 1023 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. Prerequisites: BIO 2204, BIO 2213, BIO 3304, CIS 1103, CHE 1104, ENG 1113, PSY 1013 and PSY 3063, admission to the ASN program, and current Missouri Paramedic licensure. Advanced placement into third semester nursing courses granted on successful completion of this course, with 18 additional nursing hours granted for previous paramedic education.

NUR 1134. Nursing Interventions I – Clinical - 4 hours.

(Contact hours: 180 clinical)

This course builds on clinical skills learned in the first semester of the program and is designed to be the clinical companion course for NUR 1135. Clinical experiences are designed to complement the classroom content of NUR 1135.

Prerequisites: CIS 1103, NUR 1006, NUR 1023, and PSY 1013. Concurrent enrollment or previous completion required for NUR 1135, ENG 1113 and PSY 3063.

NUR 1135. Nursing Interventions I - 5 hours.

(Contact hours: 75 classroom)

This course builds on NUR 1006 and NUR 1023. Nursing care that examines functional health status of patients experiencing medical or surgical problems is presented. Use of the nursing process is further developed concentrating on identification of nursing needs and utilization of nursing interventions. Prerequisites: NUR 1006, NUR 1023, CIS 1103, and PSY 1013. Concurrent enrollment or previous completion required for NUR 1134, ENG 1113 and PSY 3063.

NUR 2003. LPN Bridge - 3 hours.

(Contact hours: 15 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 NUR 1134 and NUR 1135. Technical skills and pharmacological interventions as found in NUR 1006 and NUR 1023 are reviewed in the learning resource center, in the classroom and with guided self-study. Clinical experiences provide opportunities to apply learned classroom knowledge. Subconcepts of nursing including caring, communication, client education and accountability will be discussed. Prerequisites: BIO 2204, BIO 2213, BIO 3304, CHE 1104, CIS 1103, ENG 1113, PSY 1013, PSY 3063, admission to the program, and current LPN Missouri License. Advanced placement into third semester nursing courses granted on successful completion of this course with 18 hours additional nursing hours granted for previous LPN education.

NUR 2004. Nursing Interventions II-Clinical - 4 hours.

(Contact hours: 180 Clinical)

This course builds on NUR 1134 and is designed to be the clinical companion course for NUR 2005. Clinical experiences are designed to complement the classroom content of NUR 2005. Demonstration of increasing clinical skill by the nursing student is expected. Prerequisites: NUR 1134, NUR 1135, ENG 1113, PSY 3063. Concurrent enrollment or previous completion required for BIO 2213 and NUR 2005.

NUR 2005. Nursing Interventions II - 5 hours.

(Contact hours: 75 classroom)

This course builds on NUR 1135 to further examine nursing interventions for patients from wellness to varying degrees of complex health problems. Content related to specialty nursing practice is introduced. Prerequisites: NUR 1134, NUR 1135, ENG 1113, PSY 3063. Concurrent enrollment or previous completion required for BIO 2213 and NUR 2004.

NUR 2124 Nursing Interventions III – 4 hours.

(Contact hours: 30 classroom, 90 clinical)

This course builds on NUR 2004 and NUR 2005. Students are given opportunity to care for patients with multi-system problems and increase competence using nursing process in clinical settings to provide safe, quality patient care. Prerequisites: NUR 2004, NUR 2005 and BIO 2213. Concurrent enrollment or previous completion required for BIB 1013, BIB 1023 and BIO 2243.

NUR 2135. Nursing Role Integration - 5 hours.

(Contact hours: 30 classroom, 135 clinical)

This course builds on NUR 2124 and introduces the student to the entry-level nurse leadership role with opportunity to examine ethical/legal considerations, career development and the effective management of safe, quality patient care within the health care system. A preceptor experience provides students the opportunity to explore entry-level nursing roles under the guidance of clinical agency staff and nursing instructors. Focus is on learning interdisciplinary functions of organization, delegation, prioritization, coordination and collaboration. Prerequisites: NUR 2124, BIO 2213. Concurrent enrollment or previous completion required for BIB 1013, BIB 1023 and BIO 2243.

NUR/HSC 3003. Legal and Ethical Issues for Health Professionals - 3 credit hours. (On demand)

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.

NUR/HSC 3013. Organization and Delivery of Health Care - 3 hours (On demand)

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.

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.

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.

NUR 3043. Missionary Nursing- 3 hours (Summer)

The focus of this course is on the 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.

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 student better understand the diabetes experience and how to educate/provide nursing care to the diabetic client.

NUR 3063. Emergency Preparedness- 3hours (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.

NUR/HSC 3073. Patient Education and Health Promotion- 3 hours (On demand)

This course will focus 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.

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.

NUR/HSC 3202 Foundations of Learning - 2 hours (Fall, Spring, Summer)

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.

NUR 3303. Health Assessment - 3 hours (Fall, Spring) Clinical fee \$100

Acquisition and utilization of skills in interviewing and assessing psychosocial, cultural, spiritual and physical health status of clients of all ages. Normal and abnormal findings are included, and skills are practiced in class throughout the semester. The student will perform a head-to-toe assessment on an individual at the end of the semester. Examination of the students own health risks and health practices are included. Taken prior to clinical courses.

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.

NUR 3373. Professional Nursing Practice - 3 hours (Fall, Spring)

This course examines professional concepts 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 (Fall, Spring)

This course is an introduction to 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 3453. Spirituality in Nursing Practice - 3 hours (Fall, Spring)

This course explores personal Christian spiritual development and diverse models of spirituality, emphasizing their impact on health and nursing care. Spiritual practices and the responsibilities and issues of spiritual care are examined. Christian discipleship and a Christian theology of nursing are discussed as they apply to professional practice in a secular environment.

NUR/HSC 3563. Health Care Informatics - 3 hours (Fall, Spring)

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. Prerequisite: CIS 1103.

NUR/HSC 4013. Health Care in Culturally Diverse Populations - 3 credit hours (On demand)

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.

NUR/HSC 4023. Health Care Finance - 3 credit hours (On demand)

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.

NUR/HSC 4344. Theories and Research - 4 hours (Fall, Spring)

This course surveys selected theories for relevance in nursing practice and application to person, health, society/environment and the nursing profession. The role of nursing theories in the research process with contribution to the development of nursing knowledge is explored. The elementary components of the research process with emphasis on critical examination of selected nursing research literature are introduced. Prerequisite/Corequisite: Statistics, current RN license.

NUR 4404. Community Health - 4 hours (Fall, Spring) Clinical fee \$100

Theoretical and clinical practice on the concepts and theories related to the health of the community which includes historical, economic, social, cultural and political influences. Health promotion, health maintenance and prevention of disease is emphasized. Clinical practice occurs in health clinics, schools, community shelters, group homes and other locations that serve the diverse health needs of the community. Prerequisites: BIO 4404, NUR 3303, 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.

NUR/HSC 4434. Administration and Leadership - 4 hours (Fall, Spring) Clinical fee \$100

This course examines the knowledge and skills necessary to be an effective administrator in the changing health care environment. Prerequisite: current RN license.

NUR 4441. Capstone Seminar - 1 hours (Fall, Spring)

Exploration and synthesis of nursing knowledge and practice issues facing the nursing profession and the health care system. Discussion of issues in practice, education and research. Prerequisites: Limited to students who are enrolled in final semester of senior year. Current R.N. license.

NUR 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.

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.

PARAMEDICAL**PAR 1004. Introduction to Paramedic Science - 4 hours**

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

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

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

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

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

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

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

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

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 4173. Symbolic Logic - 3 hours (On demand)

Continuation of PHI 3013. Exploration of advanced, formal methods of analyzing arguments, with special emphasis on the techniques and applications of predicate logic and modal logic. Prerequisite: PHI 3013 or permission of instructor.

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 \$40. 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 \$40.

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 \$50. Prerequisites: ENG 1113 and either MAT 1143 or MAT 2283. **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 \$40. 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 \$40. 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 \$10-\$50 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 \$60. 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 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 \$60. 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 \$60. 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 \$60. Prerequisites: PHY 2215 and MAT 2263 or concurrent enrollment. **NOTE:** A student cannot receive credit for both PHY 1124 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 \$12-\$36 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 3413 (CIS 2233). 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. Three lectures per week. Lab fee \$12. Prerequisites: CIS 1154 and PHY 2225.

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 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 2101. Prelaw Seminar - 1 hour (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 1113.

POL 295(1-4). Special Topics in Political Science - 1-4 hours

Prerequisite: 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 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 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 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 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 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 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 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, or 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 (J-terms)

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/EDU 3053. Child Development - 3 hours (Fall, Spring)

A study of the operation of normal psychological and developmental processes in the lives of children from birth to 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)

Social behavior of individuals and the major processes of social interaction, social influence, group structure, the individual and the system and socialization. Three hours credit in either psychology or sociology (not both). Prerequisites: PSY 1013 or SOC 1003.

PSY/SOC 3083. Psychological and Sociological Implications of Cognitive Impairments - 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/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 CIS 1103 or 1033.

PSY 3313. Introduction to Counseling - 3 hours (Fall, Spring)

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, odd years, or as needed)

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 and 64 hours completed.

PSY/SOC 4001. Senior Seminar B 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/SOC 4003. Understanding Women - 3 hours (J-terms, odd years or as needed)

- A course designed to increase awareness of sex roles and their influence on women's sexuality, relationships and mental health. Emphasis is placed on surveying and examining the modern woman's place in society--her roles and experiences as a single woman, wife, mother and career person. 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 (Fall, 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, even 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-Behavioral Science students, Spring-Athletic Training students)**
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 (J-terms)**
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 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, odd years)**
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 4953. Psychology of Religion - 2 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 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 (Summer)**

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)

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 [Radiologic Science]

RAD 1305. Radiographic Procedures I – 5 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, RAD 1103 [Introduction to Radiologic Technology]

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, and interactions of x-radiation with matter. Prerequisites: MAT 1143, RAD 1103 [Introduction to Radiologic Technology]

RAD 1603. Radiographic Procedures II – 3 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 1305 [Radiographic Procedures I]

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 1603 [Radiographic Procedures II]

RAD 1702. Film-Screen Image Acquisition & Processing – 2 hours (Spring)

A study of the film-screen imaging process including the processing of films. Image analysis of radiographs is included. Prerequisites: CHE 1104, CHE 115 or PHY 114, RAD 1503 [Radiologic Science]

RAD 1802. Radiographic Imaging I – 2 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. Also includes Introduction to Quality Management. Prerequisites: RAD 1103 [Intro to Radiologic Technology, RAD 1503 [Radiologic Science]

RAD 1901. Radiographic Imaging II – 1 hour (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. Prerequisites: CIS 1103, RAD 1503 [Radiologic Science], RAD 1802 [Radiographic Imaging I]

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 [Radiologic Science], RAD 1802 [Radiographic Imaging I]

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 [Radiographic Procedures III]

RAD 1922. Radiologic Pathology – 2 hours (Spring 8 Weeks)

Introduction to pathology including etiology and processes of human trauma and disease according to body systems. Emphasis on radiographic appearance of diseases and adjustments to radiographic technique for disease processes. Prerequisites: BIO 2204, BIO 3304, RAD 1613 [Radiographic Procedures III]

RAD 1931. Cross-Sectional Anatomy – 1 hour (Spring 8 Weeks)

A detailed investigation of cross-sectional anatomy of the cranium, thorax, abdomen, and pelvis. Includes a comparative study of relationship anatomy with correlation of computed tomography and magnetic resonance imaging. Prerequisites: BIO 2204, BIO 3304, RAD 1503 [Radiologic Science], RAD 1613 [Radiographic Procedures III]

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 [Advanced Imaging Procedures], RAD 1922 [Radiologic Pathology],
RAD 1931 [Cross-Sectional Anatomy]

RAD 2003. Clinical Education I - 3 hours. Fall 1st Year

(Contact hours: 22.5 maximum clinical)

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. Prerequisites: RAD 1103 [Introduction to Radiologic Technology]

RAD 2013. Clinical Education II - 3 hours. Spring 1st Year

(Contact hours: 22.5 maximum clinical)

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. Prerequisites: RAD 2003 [Clinical Education I]

RAD 2123. Clinical Education III - 3 hours. Summer 2nd Year

(Contact hours: 37.5 maximum clinical)

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 employ patient care and communication skills. Prerequisites: RAD 2013 [Clinical Education II]

RAD 2133. Clinical Education IV - 3 hours. Fall 2nd Year

(Contact hours: 22.5 maximum clinical)

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. Prerequisites: RAD 2123 [Clinical Education III]

RAD 2143. Clinical Education V - 3 hours. Spring 2nd Year

(Contact hours: 22.5 maximum clinical)

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. Prerequisites: RAD 2133 [Clinical Education IV]

RECREATION and LEISURE STUDIES

REC/SOC 1102. Introduction to Leisure - 2 hours (Fall, even years)

A basic course which provides a philosophical and conceptual framework of leisure. Theoretical, sociological, historical and spiritual aspects are included. An investigatory approach in which leisure is identified with recreation and other areas of life.

REC 1113. Foundations of Community Recreation - 3 hours (Spring, even years)

A course concerning the history, nature, extent and significance of recreation in the community setting. Special attention is focused on government related agencies that provide public leisure services. Course fee \$15.

REC 1123. Principles of Church Recreation - 3 hours (Fall)

A survey course in the interpretation, objectives, history and philosophy of recreation in the church and its relationship and contribution to the total church ministry. An overview of the various program areas of church recreation is included.

REC 2042. Social Recreation - 2 hours (Fall, odd years)

A course in the planning, promotion and conducting of various types of events. Classroom discussion and demonstrations of activities for parties, fellowships and other social occasions included. Course fee \$10.

REC 2052. Camp and Retreat Administration - 2 hours (Spring)

A study of organizational, administrative and programming aspects of resident camps, day camps and retreats. Includes history of the camping movement and an overview of outdoor education.

REC/CED 2062. Drama in the Church and Community - 2 hours (Spring, On demand)

A practical application course with special emphasis given to the role of drama in the church and community. Includes a study of various types of drama, organizational methods for the establishment of an on-going program and review of resources.

REC/KIN 2072. Senior Adult Recreation - 2 hours (Spring, even years)

An investigation of the needs and potentials of senior adults with emphasis on recreation programming opportunities. Problems of aging are also considered.

REC/KIN 2092. Recreation and 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.

REC 295(1-3). Special Topics in Recreation - 1-3 hours (As arranged)

An intensified approach to selected themes or subject matter in recreation. Areas of study may vary. Prerequisites: 8 hours in recreation.

REC 3163. Recreation Leadership - 3 hours (Spring, odd years)

A course designed for training leaders of recreation. Techniques of direct recreation leadership and methods for practical application of leadership skills are emphasized. Includes lab. (Must be taken at SBU). Prerequisites: REC 1102 and 1113 or 1123.

REC 3263 Environment Resource Management – 3 hours (Fall, odd years)

A course in planning and developing recreation resources and their affect on the natural environment. The course will introduce students to principles, theories, and methods of renewable resources, environmental interpretation and education. Course fee \$30.

REC 3783. Recreation Field Guidance Seminar - 3 hours (Spring on demand)

A laboratory-type exposure to recreation; actual situations are encountered and discussed in seminar fashion. Prerequisites: REC 1102 and 1113 or 1123.

REC 3992. Readings in Recreation - 2 hours (Fall, odd years)

A concentrated study of books relating to the field of recreation. Oral and written work pertinent to each book is required.

REC/KIN 4023. Organization and Administration of Sport - 3 hours (Fall)

A course emphasizing the methodology of planning, organizing, administering and managing the recreation department. Consideration given to staff and personnel, equipment, budgeting, records, reports and programming. Prerequisites: 64 hours completed.

REC 4043 Concepts of Therapeutic Recreation – 3 hours (Block, Spring)

Surveys areas of disabilities that may be distinguished or reserved for services by the Therapeutic Recreation specialist. It is designed to help the prospective therapist 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.

REC 495(1-3). Intensive Studies in Recreation - 1-3 hours (As arranged)

An intensified approach to selected themes or subject matter in recreation. Areas of study may vary. Prerequisites: 12 hours in recreation and 64 hours completed.

REC 496(1-3). Recreation Practicum - 1-3 hours (Fall, Spring, Summer)

Credit given for on-the-field experience gained in the practice of specified recreation related duties. Settings are determined according to individual circumstances. (Maximum of 3 hours total may be earned toward major.) Prerequisite: 64 hours completed. (Restricted to Recreation majors or instructor's approval.)

REC 497(1-2). Recreation Symposium - 1-2 hours (On demand)

Credit given for special short-term, off-campus study in the field of recreation including labs, clinics or conferences as sponsored by national, regional or state recreation associations or agencies. (Restricted to recreation majors or minors with 64 hours completed.)

REC 4989 Internship in Recreation – 10 hours (Fall, Spring, Summer)

A fulltime residency for on-the-job training under the supervision of a church or community recreation professional. Includes observation, supervision, planning, instruction, direct leadership and evaluation. Prerequisites: A minimum GPA of 2.00 in all coursework taken at SBU prior to application for internship and prior to internship itself, restricted to Recreation Management majors with 96 hours completed. Course fee \$150.

REC 499(1-3). Independent Investigations in Recreation - 1-3 hours (Fall, Spring)

Exploratory projects or undergraduate research and directed individual study in recreation areas not included in the regular curriculum. See further guidelines in this catalog under "Independent Study." (Restricted to recreation majors with 96 hours completed.)

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. Two lectures each week. 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. Two lectures each week. 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. Two lectures each week. 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. Two lectures each week. 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)

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 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.

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.

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. 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.

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. 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/REC 1102. Introduction to Leisure - 2 hours (Fall)

A basic course which provides a philosophical and conceptual framework of leisure. Theoretical, sociological, historical and spiritual aspects are included. An investigatory approach in which leisure is identified with recreation and other areas of life.

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 human services 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)

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)

Social behavior of individuals and the major processes of social interaction, social influence, group structure, the individual and the system and socialization. Three hours credit in either psychology or sociology (not both). Prerequisites: PSY 1013 or SOC 1003.

SOC/PSY 3083. Psychological and Sociological Implications of Cognitive Impairments - 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). 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 CIS 1103 or 1033.

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/PSY 4003. Understanding Women - 3 hours (On demand)

A course designed to increase awareness of sex roles and their influence on women's sexuality, relationships and mental health. Emphasis is placed on surveying and examining the modern woman's place in society-her roles and experiences as a single woman, wife, mother and career person. 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 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-Behavioral Science students, Spring-Athletic Training students)

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 (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 4373. Being Human and Addicted (Addictionology) - 3 hours (Fall, odd years)

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

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).

SPORTS MANAGEMENT

SPM 1112. Introduction to Sport Management - 2 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 sports management specified related duties. Settings are determined according to individual circumstances. Prerequisite: 64 hours completed. (Restricted to Sports 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 sports 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 Sports Management majors of senior standing; advanced application no later than September or February of preceding semester. Course fee \$100.

TELECOMMUNICATION

TEC/COM 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.

TEC/COM 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.

TEC/COM 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.

TEC/COM 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.

TEC 495(1-3). Intensive Studies - 1-3 hours (On demand)

Selected topics of special interest in the field of television not usually covered by regular courses.

TEC 4963. Practicum in Television Production - 3 hours (On demand)

With the skills developed in Television Production I and II, students will produce segments for a television news magazine in the laboratory and for possible airing on the local news channel. Prerequisites: TEC/COM 3053.

TEC 498(1-6). Internship in Television Production - 1-6 hours (Fall/Spring/Summer)

(Limit of three (3) hours applied toward major.) Internship in television production is designed to give qualified students an opportunity to work in a television station, production studio, production department of a corporation or a denominational agency.

TEC 499(1-3). Independent Studies in Telecommunications - 1-3 hours (Fall/Spring/Summer)

May be used to fulfill upper level hour requirements or for research in telecommunications. Prerequisite: TEC/COM 2043.

THEATRE

THR 1023. Acting I - 3 hours (Fall)

Fundamentals of acting techniques. Emphasis on movement and mime.

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 (Spring, odd years)

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.

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)

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.

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.

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.

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)

Principles of directing the various steps of a production, and practice in rehearsing and presenting plays. Prerequisite: THR 1023, THR 1033, and THR 1053.

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/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/COM 4311. Senior Capstone - 1 hour (On demand)

This course is designed as a comprehensive measure of the knowledge and skill students have acquired in their particular communication arts major. There will be two primary dimensions to the capstone course: 1) an opportunity for students to reflect on and undergo assessment of their body of work in their major; and 2) an opportunity to synthesize the knowledge of communication arts theory and practice in a final project performance. The portfolio and presentation will serve to demonstrate whether or not students have successfully completed the work required for their chosen degree. Since the department is so diverse in emphases and specializations, each student will be given an opportunity to design a final project consistent with their interests and experience.

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).

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 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. This course must be taken during the first semester a student attends SBU. Course fee: \$3.

UNI 1121. 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 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.

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BRANCH CAMPUSES

<http://www.sbuniv.edu/aboutsbu/SBUCampusLocations.html>

Directors

Larry Price

Mountain View Campus Director, 1988.
B.B.A., Baylor University;
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Linda Armer

Salem Campus Director, 2005.
B.S., M.B.A., Southwest Baptist
University.

Martha Baker

Springfield Campus Director
B.S.N., Southwest Missouri State University
M.S. (N), University of Missouri-Columbia
Ph.D., University of Missouri-Columbia

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/mountainview/index.htm	(417) 934-2999
SALEM	Southwest Baptist University 501 South Grand Salem, MO 65560 http://www.sbuniv.edu/salem/index.htm	(573) 729-7071
SPRINGFIELD	Southwest Baptist University 4431 S. Fremont Springfield, MO 65804 http://www.sbuniv.edu/collegeofnursing/index.htm	(417) 820-2069

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Master of Science in Nursing Education

Master of Science in Education/Curriculum
and Instruction

Master of Science in Education/Instructional
Technology Leadership

Master of Science in Education/Lead Teacher

Master of Science in Education/Athletic-Activity
Administration

Master of Science in Educational Administration
Education Specialist in Educational Administration

Doctor of Education in Educational Leadership

Doctor of Physical Therapy

COLLEGES AND ACADEMIC DEPARTMENTS

Graduate

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INTRODUCTION

Within the mission of the University, Southwest Baptist University administers graduate programs and courses offered through the colleges and departments of the University. Currently there is a program in business administration offered through the College of Business and Computer Science, two programs in education offered through the College of Education and Social Sciences, a program in physical therapy offered through the College of Science and Mathematics, and a program in nursing offered through the Mercy College of Nursing and Health Sciences. Graduate courses are offered by several departments.

Admission to a graduate program at Southwest Baptist University presumes a degree of initiative on the part of the graduate student. Graduate students assume responsibility for engaging in intellectual activities at the graduate level as well as responsibility for complying with all policies and procedures as set forth in this catalog and in departmental regulations in earning an advanced degree.

Financial Information

A primary goal of Southwest Baptist University is to provide quality Christian higher education at a reasonable cost to the student.

The University does not provide banking services on campus. There are, however, several banks in Bolivar, all of which provide for personal banking services. An ATM is available on campus for the convenience of our students.

Graduate Tuition and Fees

<u>Master of Science in Education and</u> <u>Master of Science in Educational Administration</u>	
Tuition per credit hour.....	\$210
Technology.....	Program/location specific
<u>Education Specialist in Educational Administration</u>	
Tuition - per credit hour.....	\$225
Technology.....	Program/location specific
<u>Doctor of Education</u>	
Tuition per credit hour.....	\$400
Technology.....	Program/location specific
<u>Master of Business Administration</u>	
Tuition - per credit hour	
Regular and Online Courses.....	\$475
Technology.....	\$15 per course
<u>Doctor of Physical Therapy</u>	
Tuition - per semester.....	\$11,000
Technology - per semester.....	\$130
Curriculum/lab fees - per semester.....	\$225
<u>Master of Science in Nursing</u>	
Tuition - per credit hour.....	\$400
Library - per credit hour.....	\$25
Technology - per term.....	\$130

Special Fees (Non-Refundable)

(Charged to students using the designated service)
Most common fees are identified on page 23 of this catalog.

Unique Program Fees

Application/transcript evaluation fee.....	\$45
Student Services fee.....	program/location specific
Continuous enrollment fee.....	\$55
Health Administration Certificate fee.....	\$70
MS Athletic/Administration Internship.....	\$50
MS Educational Administration Internship.....	\$50
EdD Application/registration fee.....	\$100
EdD Comprehensive Exam fee.....	\$100
Lab/course fees.....	see course descriptions

NOTE: All mandatory fees are non-refundable.

Payment of Accounts

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 Credit and Collections Manager.** To aid students in paying accounts, the University offers a variety of financial avenues. 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).

Education

Payment of graduate tuition and fees may be made by check, cash, or credit card - American Express, MasterCard, Discover. Payment may be in full or in installments with a promissory note at the start of the course. All tuition and fees must be paid before a diploma and/or grade reports will be issued.

Business Administration

All charges for tuition, fees, and books are due in full by the beginning of each course. Students unable to pay the full amount at the time of registration must select one of the payment plans. Complete information is sent to all new students each spring or may be obtained from the University's Office of Graduate Studies-Business.

The University offers payment options as follows:

1. Full amount paid upon enrollment (cash, check, credit card - American Express, MasterCard, Discover).
2. Promissory Note - The balance of all charges is payable in two monthly installments plus interest on the unpaid balance equivalent to an annual rate of nine percent. The unpaid balance is defined as the total initial charges less any prior payment. Full amount of the financial balance is due by the end of the course.

Physical Therapy

Students must pay a non-refundable \$500 deposit upon acceptance into the program which will be applied to tuition. All charges for tuition, fees, room and board are due in full twice a year in February and August at registration. Students waiting on loans to pay their account will be allowed to defer the amount due from the various loan programs until they are received by SBU. However, the out-of-pocket cost to the student must be paid in full before classes begin. Loan applications must be completed and in the possession of the Office of Financial Aid before consideration will be made for deferring that amount. Students unable to pay the full amount at the time of registration may make arrangements through the University's Credit and Collections Manager at 417-328-1570.

Tuition Refund Policy**Tuition Charge Refunds - Bolivar Campus**

Refund policies may be found on page 25 of the catalog.

Graduate Student Loans

Southwest Baptist University offers Federal Direct Student Loans and limited Perkins loans to assist students in meeting their financial obligations. All assistance is awarded on the basis of financial need and the total amount of assistance cannot exceed that need. Application for assistance is made by (1) filing a Free Application for Federal Student Aid. (2) If selected for verification, supplying additional information as requested. All assistance application forms must be completed before aid can be awarded by the University. 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.

Federal Direct Unsubsidized Loan

Federal Direct Loans are made by the federal government to students who are enrolled on at least a half-time basis and who demonstrate financial need. Graduate students may borrow up to \$18,500 per year. Repayment begins six months after half-time enrollment status ceases at a minimum rate of \$50 per month plus interest. The interest rate is fixed at 6.8%, and no in-school interest subsidies are provided by the federal government.

Direct Plus Loan

As with Plus loans made to parent borrowers, eligible graduate and professional students may borrow under the Plus program up to their cost of attendance, less other aid offered. The interest rate is 7.9% and no in-school interest subsidies are provided by the federal government. Some deferment opportunities are available.

Work Opportunities**Graduate Assistantships**

A limited number of graduate assistantships may be available. Contact the Office of Graduate Studies in Education for further details.

Student Life**Student Behavior**

All graduate students are required to abide by the Student Life regulations listed on page 34. Students should contact the appropriate graduate program director for clarification of student life regulations.

Student Housing

The University provides student housing in campus dormitory facilities during the summer sessions and regular semester sessions. In order for a student to request dormitory housing, a dormitory contract must be completed by the student 6 weeks before arrival on the Bolivar campus.

Housing information is available through the Office of Student Life. Prices for room and board are for actual school days and do not include holidays or periods between terms.

Graduate students must make a \$100 housing/enrollment deposit if they are full-time fall or spring semester students. Any damage for which the student is responsible will be charged to his/her account or deducted from the housing/enrollment deposit.

Cancellations must be made 14 days prior to the beginning of the semester. If the cancellation is received after this time the housing/enrollment deposit will be subject to forfeiture. Students who cancel housing reservations before the fifth day of classes during the fall or spring semesters will receive a 90% refund of semester housing charges. Students who cancel housing reservations after the fifth day of classes will not receive a refund of semester housing charges.

Local motels are available in the Bolivar area for those students not wishing to stay on campus during short summer sessions. Students are responsible for making their own motel arrangements.

A variety of meal plan options are available for those students not living on campus but desiring to eat in the cafeteria. Contact the Collegiate Catering office (417-328-1542) on campus Monday-Friday (9:00-5:00).

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 purchase and display the University vehicle permit and obey University and community regulations regarding the care and use of an automobile.

Parking permits may be picked up from the Safety/Security office. There is no charge for a parking permit. Parking permits are issued each academic year beginning with the fall semester. The permit may be used during the fall, spring, and summer terms. Parking permits must be displayed on the left side of the rear window of a vehicle. Tickets are issued for unidentified cars parked on campus.

Disabled or otherwise handicapped persons may obtain a handicap parking decal, good for any authorized parking space, provided that approval is documented by the University Health Center. Disabled permits may be obtained from the Physical Plant office.

For more information concerning parking on campus, please see the brochure "Motor Vehicle Regulations" available at the Safety/Security office or in college/department offices.

Student Identification Card

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

If a replacement identification card is needed, the student will be assessed a \$25 replacement fee and may pick up the replacement at the Office of Safety and Security during regular office hours.

Student identification cards are important for library use, entrance to the dining hall on campus, and access to the campus computer network.

Student Services

Counseling and Testing

See page 35 of this catalog.

Career Services

The Career Services office is available to assist current students and alumni in the areas of: career assessments, giving students information that will guide them toward an academic major; career exploration, pointing students toward resources that give details on various careers; resume/cover letter writing, showing rules of proper format for resumes and cover letters. We will also critique resume and cover letter; job interview preparation, including proper dress, points on how to present yourself well on a job interview, practice interview questions; job postings for SBU students and general links to job listings.

The Career Center is located in the office suite of Mabee Chapel on the main campus in Bolivar. The phone number is (417) 328-1610 or (417) 328-1689. Office hours are 8:00 a.m. - 5:00 p.m. Monday through Friday.

Student Health Services

Southwest Baptist University offers a student health service which provides medical services for minor illnesses or injuries on a walk-in basis during the hours of operation. This service is extended to all undergraduate students through the health fee (optional for all graduate students not in the Physical Therapy program). The only charge made to the student is for laboratory work. The health center uses a referral system with local doctors when necessary. SBU offers no student health services for students at the Branch Campuses.

The student is responsible for expenses incurred for ambulance service, calls at a local physician's office, emergency services, and other services provided by any local hospital where students may be taking classes.

All international students accepted for admission to Southwest Baptist University are required to purchase a 12-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. If a student cannot make such arrangements, and provide documentation by the first day of classes, the University Health Center will automatically bill the student's account for a medical insurance plan provided by a qualified insurance company. A 12-month medical insurance policy must be maintained while the international student is attending SBU.

Technology Services

Information technology resources, services, and facilities of Southwest Baptist University are provided to support the mission of the University. Computing resources are available in a number of locations including University provided and maintained computer labs, classroom and office areas, My Wireless SBU, and in a variety of other open sites. In some cases, these resources may be accessible from remote sites by dialing in via computer modem or on local or wide-area networks.

Access to the Internet, or other wide-area networks and resources, through computer facilities is provided primarily to address the computing and information needs associated with the educational and scholarly activities of the University.

All currently enrolled students will be allowed to use academic computing resources as a privilege, subject to availability, current academic priorities, adherence to this and subsequent computing resource policies, and the payment of lab or other access fees.

Academic Advising

Each graduate student is assigned a faculty advisor in the degree program the student chooses. The advisor will assist the student in planning his/her program of study and adjusting to the academic demands of graduate studies.

University Libraries

See pages 9-10 of this catalog.

Goodson Student Union

The Felix Goodson Student Union is a center for student activities available for both the graduate student and the undergraduate student. Included in the Union are the snack bar, student lounge, game room, student leadership offices, bookstore, the Office of Student Life, University Ministries and Davis Theatre.

University Bookstore

The University Bookstore, located in the Goodson Student Union, carries a complete stock of textbooks, selected trade books, supplies, and many items for personal use. Sales are mainly on a cash basis, however, checks and major credit cards are accepted.

Student Organizations

Education

Students in the Master's Certification program are encouraged to join the Student Missouri Student Teacher Association. Information is available in the Office of Teacher Education.

Physical Therapy

Students in the physical therapy program are encouraged to join the American Physical Therapy Association. The SBU Student Physical Therapy Association is a student organization open to all students in the professional physical therapy program.

University Life And Ministry

Graduate students are not required to attend chapel. However, graduate students are invited to participate in this spiritual experience.

University Activities

See page 38 of this catalog.

Community Activities

See page 39 of this catalog.

Academic Regulations

Grades

A graduate student completing a graduate course at Southwest Baptist University will receive a final grade in the course of A, B, C, F, P, IP, or I.

A student must receive a grade of C or higher in each course on the approved program of study. No more than 6 semester hours of credit with a grade of C will be applied toward degree requirements.

Graduate students completing the M.S. in Education or Educational Administration or the Education Specialist may only have six (6) hours of C on a graduate-level transcript. Students with more than six (6) hours of C must retake these courses with Southwest Baptist University.

Credit earned by OLIS will not be applied toward graduate degree requirements.

Work experience may not be applied as credit toward the master's degree.

Graduation

Students must participate in commencement unless absence is approved by the Provost prior to the ceremony. The reason for not participating in commencement must be explained in writing to the Provost who will grant or to deny permission to be excused from commencement.

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 Provost. 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 Provost. These students need to receive permission to walk early by submitting the Request to Walk Early form and submitting it to their college dean. Student diplomas will be dated in the completion semester.

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 (such as illness or accident). In no case may an "I" be agreed to unless the student has completed at least eighty 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 the 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 satisfactorily complete all of the course requirements within one year. If the incomplete is not cleared within this specified time limit the "I" will be changed 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, projects, internships or practicum courses. Requirements for completing the course and a specific completion date 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 the college dean.

It is the responsibility of the student to satisfactorily complete all course requirements, under the supervision of the instructor, by the specified completion date. If the In-Progress grade is not cleared within this time limit, the IP will be changed 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.

Transcripts

See page 26 of this catalog.

College of Business and Computer Science

Master of Business Administration

Interim Dean: William Brown

Office: Taylor 132

(417) 328-2000 or 1-800-326-1921

<http://www.sbuniv.edu/mba/index.htm>

Calendar

Class Dates

Fall Online	August 20
Fall Session #1	August 20
Fall Session #2	October 15
January Session	January 3
Spring Online	January 23
Spring Session #1	January 23
Spring Session #2	March 25
Summer Online	June 3
June Session	June 3
July Session	July 1

Deadlines for Intent to Graduate Card

Fall 2012	October 10
Spring 2013	March 8

Graduation Dates

Fall 2012	December 14
Spring 2013	May 18

Program Purposes

The College of Business and Computer Science offers a Master of Business Administration (MBA) and an MBA Health Administration. The MBA is a 40-43 hour program of study and the MBA Health Administration is 46-51 hours.

Mission Statement

The mission of the MBA program is to empower and equip graduate students, building on foundational business and biblical principles, with the interpersonal, critical thinking, and analytical skills to enable them to become servant leaders in a global community.

Objectives

MBA graduates will be able to:

1. Demonstrate an understanding of the biblical context of business;
2. Synthesize and evaluate scholarly research;
3. Apply an appropriate understanding of accounting, finance, economics, marketing, and management to analyze and evaluate organizational situations in domestic and international settings;
4. Utilize knowledge, skills, and technology to engage in effective decision-making;
5. Demonstrate effective communication skills including interpersonal, writing, and making presentations;
6. Analyze and evaluate organizational environments and create appropriate strategies to guide organizational action;
7. Recognize and analyze individual and organizational ethical situations and apply Judeo-Christian ethical values in creating appropriate responses.

Graduates of the MBA Health Administration program will also be able to:

1. Identify the distinctive functions of organizations that provide health services and the respective duties of administrators and leaders in the health care industry.

2. Define the legal responsibilities and relationships between regulatory authorities and health service providers.

Assessment

Periodic measurements of student perceptions and intellectual growth are obtained as one means for the University to assess and improve its academic programs and student learning. Additionally, student, alumni and employer needs surveys are conducted to determine curricular and programmatic changes. The MBA Major Field Assessment Test is also used in assessment and is required for all MBA students in the capstone course requirement. The information obtained is used to measure and develop student competencies and to determine and improve the quality of the educational experience for students.

Admission Requirements

Admission to Unclassified Status

Students who do not wish to pursue a degree or the certificate program but who are eligible for graduate study may take up to nine graduate credit hours in the College of Business and Computer Science. The ability to transfer credit for the courses completed toward the graduate program at SBU, or another college or university, depends upon the course of study provided at the time of transfer by the receiving program. Applicants who have not completed the application process are also placed in this status until requirements are met.

Admission to Classified Status

Students may be fully admitted or conditionally admitted to the graduate program. Classified status students are admitted to the program in one of four classification categories:

1. **Fully Admitted** - The student meets all admission standards and has been admitted to the program of study.
2. **Conditionally Admitted**
 - a. **Contingent Admission** - Any student who has not completed the academic program prerequisites is conditionally admitted to graduate study. However, the graduate student may take no more than nine semester hours of graduate courses without satisfying program prerequisites.
 - b. **Academic Probationary Admission** - The student meets all admission standards except that the student does not present a 2.75 grade point average. This student may be admitted as a probationary student pending completion of nine hours of graduate level work with grades of "B" or better.
 - c. **Senior Admission** - A senior in the last semester of his baccalaureate degree program may enroll for graduate work as a dually-enrolled student if:
 1. The total number of hours taken does not exceed 16 semester hours, which includes no more than nine semester hours of graduate courses.
 2. The student has at least a 2.75 grade point average.
 3. The student completes the bachelor's degree at the end of the semester.
 4. The student meets all other standards for admission.

A student seeking admission to the Master of Business Administration program shall meet the following admission standards:

1. Hold a baccalaureate degree from a regionally accredited college or university;
2. Have an undergraduate grade point average of at least 2.75 on a 4.00 scale;
3. Submit a completed "Application for Admission to the College of Business and Computer Science Master of Business Administration Program;"
4. Submit an official transcript of all baccalaureate and graduate level records from colleges and universities attended; and
5. Pay a \$45 transcript evaluation fee.

International Students

International students must meet the admission requirements stated in the previous sections. Official records of all higher education, including certificates of degrees with the dates the degrees were conferred, must be submitted. All records not in English must be accompanied by an official translated record. All records should show the individual subjects studied and the grades received in each subject.

Prerequisites

The Master of Business Administration program require that students be prepared with knowledge in certain areas before taking the course in that discipline. Students must satisfy all outstanding prerequisites courses with the grade of C or better. Courses can be completed by online or in class delivery, OLIS, or completion at another regionally accredited institution. Individuals requiring information on how to fulfill the prerequisites courses should contact the Director of Graduate Studies.

- Computer Proficiency
- ACC 2013 Principles of Financial Accounting *or* ACC 5003 Accounting Foundations
- MGT 3013 Principles of Management *or* MGT 5003 Management Foundations (*or* approved alternative)
- MKT 3023 Principles of Marketing *or* MKT 5003 Marketing Foundations
- ECO 2023 Principles of Economics *or* ECO 5003 Economics Foundations
- BUS 2023 Business Statistics *or* BUS 5003 Statistics Foundations
- FIN 3053 Business Finance *or* FIN 5013 Finance Foundations

Transfer Credit

Nine graduate semester hours completed at another regionally accredited institution may be transferred and applied to the degree. These credits must be comparable to courses offered at Southwest Baptist University and must be approved by the Graduate Council or the college dean.

Degree Requirements

Students are eligible to graduate after fulfilling the requirements described below. Students who enroll in another college or university without prior permission of the Dean of Graduate Studies are considered to have withdrawn from Southwest Baptist University. Students wishing to transfer work from another institution and not withdraw from Southwest Baptist University must obtain prior approval from the Director of Graduate Studies within the College of Business and Computer Science.

Comprehensive Examination

Each student is required to pass a comprehensive examination at the end of the study for the degree and must be completed at the conclusion of the course on Organizational Strategy. This course is the last course taken in the program and cannot be taken unless all other course work is completed. The examination will test the extent to which the student can analyze, synthesize, evaluate and apply that which has been learned from the various graduate study experiences. Responses on the examination will be evaluated by a committee of graduate faculty. The examination will be administered by the Office of Graduate Studies and monitored by members of the graduate faculty.

Master of Business Administration

To receive the MBA degree, a student must:

1. Meet all graduate admission standards, including completion of a baccalaureate degree, and completion of admission application and file;
2. Complete a plan of graduate study consisting of at least 36 semester hours;
3. Maintain a graduate level GPA of at least 3.00 on a 4.00 scale with no grade below a C (2.00). Students receiving two grades of "F" are automatically dismissed from the graduate program. Students may reapply for admission after a mandatory one-year suspension. Individual graduate programs may require additional standards for students receiving failing grades;
4. Complete an administrative core of 27 hours;
5. Complete all degree requirements within a five-year period following admission to the graduate degree program; and
6. Participate in commencement exercises unless absence is approved by the Provost.

MBA Health Administration Concentration

To receive the MBA Health Administration Concentration degree, a student must:

1. meet all Master of Business Administration requirements listed above;
2. complete a plan of graduate study consisting of at least 45 semester hours.

Program of Study And Academic Regulations

The MBA degree program will consist of at least 39 credit hours. The MBA Health Administration Concentration degree will consist of at least 48 credit hours. The Master's program of study is based upon the belief that experienced administrators should have a working knowledge of business on which to build. The following programs of study will ensure that administrators have the tools and knowledge to succeed in their careers.

MBA Program of Study (40-43 credit hours)

MBA CORE Requirements (25 hours)
ACC 5113 Managerial Accounting

<i>or</i>		
ACC 5223	Financial Accountability	3 hours
CIS 5123	Management Information Systems and E-Commerce	3 hours
BUS 5053	International Business	3 hours
ECO 5043	Managerial Economics	
<i>or</i>		
ECO 5053	International Trade	3 hours
FIN 5023	Financial Management	
<i>or</i>		
FIN 5033	International Finance	3 hours
MGT 5043	Organizational Behavior and Servant Leadership	3 hours
MGT 5093	Organizational Strategy	3 hours
MGT 5111	History of Management Thought	1 hour
MKT 5023	Marketing Management	3 hours

MBA Additional Requirements (12-16 hours)

BUS 5023	Business Communications and Culture	
<i>or</i>		
MGT 5013	Managerial Communications	3 hours
BUS 5043	Ethics and Critical Thinking in Business Administration	
<i>or</i>		
LDR 5043	Ethical Leadership in Organizations	3 hours
BUS 5063	Law of Commerce and International Trade	3 hours
MGT 5073	Human Resource Management	3 hours
BUS 5083	Research Methods in Business Administration	3 hours
*BUS 598(1-2)	Internship	1-2 hours

MBA Health Administration Concentration Additional Requirements (21-25 hours)

BUS 5023	Business Communications and Culture	
<i>or</i>		
MGT 5013	Managerial Communications	3 hours
HAD 5013	Health Administration Law and Risk Management	3 hours
HAD 5043	Ethics and Critical Thinking in Health Administration	3 hours
HAD 5083	Research Methods in Health Administration	3 hours
HAD 5103	Health Service Systems	3 hours
HAD 5183	Health Service Organizations	3 hours
*HAD 598(1-2)	Internship	1-2 hours

* Or over four years supervisory management experience. Students with 2-4 years supervisory management experience may only be required to take one hour of internship.

Health Administration Certificate Program

The Health Administration Certificate program is an eighteen-hour sequence involving two health administration courses (6 hours) and four graduate business courses (12 hours). The completion of the six hours of health administration courses, plus four of the seven graduate leveling courses, would result in the student being awarded a Certificate of Health Administration along with a “pinning” ceremony. Within a year a student can finish the certificate program and gain knowledge and skills in fundamental areas of health care organization. Credit earned in the certificate program can also be applied toward Southwest Baptist University’s Master of Business Administration with a concentration in Health Administration.

Health Administration Certificate Program (18 semester hours)

HAD 5103	Health Service Systems	3 hours
HAD 5183	Health Service Organizations	3 hours
ACC 5003	Accounting Foundations I (cross-listed with ACC 2023)	3 hours
MGT 5003	Management Foundations (cross-listed with MGT 3013)	3 hours
FIN 5013	Finance Foundations (cross-listed with FIN 3053)	3 hours
MKT 5003	Marketing Foundations (cross-listed with MKT 3023)	3 hours

If a student enters the program having taken the equivalent of one of the foundations courses at the undergraduate level, other courses listed in sequential preference would be taken to satisfy the eighteen graduate hours required for completion of the certificate program:

1. BUS 5003 Statistics Foundations
2. ECO 5003 Economics Foundations
3. Other graduate business courses as approved

A minimum of 18 graduate business hours must be completed through Southwest Baptist University to earn the Health Services Administration Certificate.

Course Repetition

(See page 44)

**Location of Branch Campuses:
Springfield, Missouri**

COURSE DESCRIPTIONS

In order to provide the appropriate academic training the following courses will be included in our current graduate offerings:

ACCOUNTING

ACC 5003. Accounting Foundations (cross-listed with ACC 2013) - 3 hours

A study of the basic fundamentals of Financial Accounting, concentrating on the complete accounting cycle for both the service and merchandising business. Included in this study are inventory systems, internal control, financial reporting and financial statement analysis. This course is a leveling course which meets an MBA prerequisite; it can not be counted or substituted for another MBA course.

ACC 5113. Managerial Accounting - 3 hours

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: Accounting Principles (ACC 2013/5003).

ACC 5223. Financial Accountability – 3 hours

This is a two-part course that addresses the issues typically included in graduate level courses in managerial accounting and finance principles and tools to achieve exceptional, comprehensive stewardship of all organizational resources. Prerequisite: ACC 2013/5003.

ACC 599(1-3). Independent Study in Accounting - 1-3 hours

Independent study of some problem or area not covered in organized courses. The study is under the direction of a department member in whose field of specialization the problem lies.

BUSINESS

BUS 5000. Continuous Enrollment

This course designation provides a mechanism for tracking students who have received a grade of "I" or "IP" in a graduate course and are not currently enrolled in another graduate offering at SBU. The course designation neither carries graduate credit nor requires tuition. The student is assessed a course fee utilized by the University to provide a current student identification card, allowing access to library resources at SBU and other university/college libraries, as well as providing funds to support related program record keeping. Course fee \$50 per eight-week term.

BUS 5003. Statistics Foundations (cross-listed with BUS 2023) - 3 hours

Emphasizes collection, tabulation, graphic presentation and interpretation of business and economic data. Includes measures of central tendency and dispersion, elementary probability, sampling theory and linear correlation, computer applications. A practical research project in business or health administration will be conducted. This course is a leveling course which meets an MBA prerequisite; it cannot be counted or substituted for another MBA course.

BUS 5023. Business Communication and Culture – 3 hours

This course prepares students to deal with the challenges of language and culture in global legal, social and political settings that may vary significantly from that of the parent company.

BUS 5043. Ethics and Critical Thinking in Business Administration - 3 hours

This course will consider biblical, traditional (classic) and contemporary methods in the field of ethics and moral philosophy and will assess their usefulness in everyday organizational life. In analyzing contemporary organizational issues, the learner will be expected to look carefully at the factors within the work environment and society which contribute to ethical dilemmas, to think constructively about how these might be changed, and where the responsibility for such change lies. Using established critical thinking methods, tools, and concepts, learners will explore and analyze the nature of work, the role of ethical leadership, the ethical characteristics of human organization, the relationship of the organization to society, and the development of an ethical organizational culture.

BUS 5053. International Business - 3 hours

This course equips students to deal effectively with the challenges of establishing and managing international subsidiaries. It includes identifying and evaluating international opportunities and risks as well as the fundamentals of international sales and distribution. It also introduces students to the important roles of international organizations such as the World Bank, IMF, WTO, EXLM, PEFCO, OPIC, OPEC, regional development banks and a variety of key trade agreements. Prerequisite: MGT 3013.

BUS 5063. Law of Commerce and International Trade - 3 hours

This course explores the key concepts, laws and application of the legal system governing international economic transactions and international economic relations. The course examines the World Trade Organization, the General Agreement on Tariffs and Trade, debates centered on Trade-Related Intellectual Property Rights, the growing economic interdependence of the world, and the role of law in international affairs.

BUS 5083. Quantitative Business Research - 3 hours

This course equips students to understand and use the principles and tools of quantitative analysis for decision making across all functional areas of the organization. It includes decision theory and contemporary practices, including a familiarization with many of the most widely used software packages. Prerequisite: Statistics proficiency and computer literacy.

BUS 5192. Comprehensive Exam Review – 2 hours

This course is an interactive comprehensive review of all the course material in the program and includes additional contemporary readings that familiarize the students with the most recent global economic, ethical, legal, political, social and competitive challenges facing today's enterprise.

BUS 598(1-3). Internship - 1-3 hours

Academically planned and supervised work experience (160 hours) in area(s) of the student's specialization, approved by a graduate faculty member. A paper will be required related to the internship experience in business.

BUS 599(1-3). Independent Study in Business - 1-3 hours

Independent study of some problem or area not covered in organized courses. The study is under the direction of a department member in whose field of specialization the problem lies.

BUS 6002, Non-Profit Financial Management – 2 hours

This course provides an understanding of the fundamental concepts underlying financial management, controls, and analysis in the nonprofit sector. **Various topics, including strategy, budgeting process techniques, major budgetary issues, financial statement analysis,** revenue sources, fund development, tax strategies, debt management, human resources, risk management, cash management, basic categories of nonprofit expenditures, organizational controls, and relevant information technology will be discussed. A working knowledge of Excel is required for this course.

BUS 6012, Organization Consulting Practice – 2 hours

This course introduces the task and relationship dimensions of organizational consulting and develops foundational competency in the areas of assessment, diagnosis, and problem-solving relative to organizational performance. Students will learn key aspects essential in creating and implementing effective independent consulting practices to support schools and non-profit organizations. Data collection and analysis are key components of the course to assist students in developing skills related to conducting effective organizational evaluations.

COMPUTER AND INFORMATION SCIENCES**CIS 5503. Principles of Information Assurance - 3 hours**

This course provides an overarching model for information assurance for businesses, government agencies, and other enterprises needing to establish a comprehensive plan. All the components of security and how they relate are featured. Students will be guided through the construction of an effective security policy. Topics include asset identification, human factors, compliance with regulations, personnel security, risk assessment and ethical considerations are covered, as well as computer and network security tools and methods. This course studies the information operations that protect and defend information and information systems by ensuring their availability, integrity, authentication, confidentiality and non repudiation, including providing for the restoration of information systems by incorporating protections, detection and reaction capabilities.

CIS 5123. Management Information Systems and E-Commerce - 3 hours

This course equips students with the knowledge and skill needed to use effectively integrated (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.

CIS 5513. Digital Forensics Principles and Practices - 3 hours

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 in outside of class laboratories. The goal of digital forensics is to explain the current state of a *digital artifact*, meaning a computer system, a storage medium (such as a hard disk or CD-ROM), an electronic document (e.g., an email message or JPEG image) or even a sequence of packets moving over a computer network. The explanation can be as straightforward as "what information is here?" and as detailed as "what is the sequence of events responsible for the present situation?"

ECONOMICS**ECO 5003. Economic Foundations (cross-listed with ECO 2023) - 3 hours**

A study of economic principles with emphasis upon microeconomics. Includes a study of economics of the firm, consumer demand theory and current problems. A practical research paper in managerial economics will be conducted. This course is a leveling course which meets an MBA prerequisite; it cannot be counted or substituted for another MBA course.

ECO 5043. Managerial Economics - 3 hours

Combines basic microeconomic theory with statistical methods to provide a basis for practical application of economics attaining desired objectives. Particular attention is given to using quantitative methods to choose optimal production, marketing, management, and finance options. Prerequisite: Economics proficiency (ECO 2023/5003).

ECO 5053. International Trade – 3 hours

This course equips students to initiate and sustain effective exporting and sourcing strategies. It addresses tariffs and duties, shipping, insurance, customs, clearance, bonded warehousing, Incoterms, the use of export management companies, import and export documentation, and regulations. Prerequisite: Economics proficiency (ECO 2023/5003).

ECO 599(1-3). Independent Study in Economics - 1-3 hours

Independent study of some problem or area not covered in organized courses. The study is under the direction of a department member in whose field of specialization the problem lies.

FINANCE**FIN 5013. Finance Foundations (cross-listed with FIN 3053) - 3 hours**

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, computer applications, and spreadsheet analysis. A practical research project in Business Finance will be conducted. This course is a leveling course which meets an MBA prerequisite; it can not be counted or substituted for another MBA course.

FIN 5023. Financial Management- 3 hours

The study of management techniques for the effective utilization of the financial resources, personnel, and facilities of a physical resources institution. Topics include analyzing organizational, financial performances, financial management strategies, and financial decision making for capital acquisitions. Prerequisite: Finance Principles.

FIN 5033. International Finance – 3 hours

This course prepares students to deal with the challenges and opportunities of operating in a world of multiple currencies, including the effects of IRP, PPP, IFE, methods for forecasting FX rates, estimating FX transaction and translation exposure, hedging, and short-term and long-term financing. Prerequisite: Finance Principles.

FIN 599(1-3). Independent Study in Finance - 1-3 hours

Independent study of some problem or area not covered in organized courses. The study is under the direction of a department member in whose field of specialization the problem lies.

HEALTH ADMINISTRATION**HAD 5013. Health Administration Law and Risk Management - 3 hours**

The principles, regulations, rules of law, and procedures as they relate to local, state, national, and professional involvement in the operation of health services. Topics include legal responsibilities of the governing board, medical staff, etc.; admission and discharge of patients; consent for treatment; negligence and malpractice; employee relations; medical records; and specialized records.

HAD 5043. Ethics and Critical Thinking in Health Administration - 3 hours

Introduces biblical principles of ethical thinking and applies them to situations and models for decision making. Explores and analyzes ethics relating to the nature of the organization, work in the organization, the relationship of the organization to society, and the development of organizational culture. Provides a conceptual and systematic study of organizational ethics in efforts to help the student develop consistent criteria for ethical decision making. The course will consider biblical, traditional (classic) and contemporary methods in the field of ethics and moral philosophy and will assess their usefulness in everyday organizational life. In analyzing contemporary organizational issues, the student will be expected to look carefully at the factors within the work environment and society which contribute to the dilemmas, to think constructively about how these might be changed, and where the responsibility for such change lies. The course will include a research subject in the health field preparing students for decision-making, analysis of biblical and ethical issues, and applying various models for decision making.

HAD 5083. Quantitative Health Administration Research - 3 hours

This course examines the nature and role of research in a professional context. The emphasis of the course is on the logical development and application of research methods based upon philosophical, theoretical and practical considerations. Procedures for developing research questions, reviewing current literature and designing research are reviewed, developed and implemented. A practical research project in health administration will be conducted and presented. Prerequisite: Statistics proficiency and computer literacy.

HAD 5103. Health Service Systems - 3 hours

Introduction to the American health delivery system, including the commonalities and distinctive functions of the institutions that function in the provisions of health services and possible future alternatives.

HAD 5183. Health Service Organizations - 3 hours

The study of the process of planning, organizing, and leading the varied government boards, officers, care providers, professional and support personnel involved in the operation of patient care.

HAD 598(1-3). Internship - 1-3 hours

Academically planned and supervised work experience (160 hours) in area(s) of the student's specialization, approved by a graduate faculty member. A paper will be required related to the internship experience in health administration.

HAD 599(1-3). Independent Study in Health Administration - 1-3 hours

Independent study of some problem or area not covered in organized courses. The study is under the direction of a department member in whose field of specialization the problem lies.

HUMAN RESOURCE MANAGEMENT**HRM 5033. Human Resource Employment Law – 3 hours**

This course explores the key concepts, theories, and application of employment law in human resources. The course examines all facets of employment law relation to Title VII, EEO, Employment-at-will, affirmative action, legal issues in compensation, benefits, performance management, and labor relations.

HRM 5043. Human Resource Compensation and Benefits - 3 hours

This course explores the key concepts, theories and application of compensation and benefits in human resource management. The course examines salary structure and analysis, job evaluation, incentive programs, compensation systems, development of benefit programs, executive compensation, and compliance with applicable government regulations related to benefits and compensation.

HRM 5053. Human Resource Performance Improvement -3 hours

This course explores the key concepts, theories and application of employee training and development in human resource management. The course examines strategic training and assessment, performance management, motivational theories, program design and practices, and career development.

HRM 5073. Human Resource Management - 3 hours

This course explores the key concepts, theories and application of human resource management. The course examines the human resources administrative environment, planning, and recruitment strategies, assessment, development and performance management, compensation and benefit design, and labor relations and collective bargaining. Additional focus will be centered on the strategic use of human resources management to gain competitive advantage in a global economy.

LEADERSHIP**LDR 5043. Ethical Leadership in Organizations – 3 hours**

A significant percentage of those completing the requirements for the masters program are destined for positions of authority in government, industry, NGOs and church organizations. This course equips the students to determine if they have the desire to lead, to determine if they are willing to accept the responsibility and accountability that comes with leadership and to equip them with leadership perspectives, principles and skills they will need to lead.

MANAGEMENT**MGT 5003. Management Foundations (cross-listed with MGT 3013) - 3 hours**

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. A research project in management will be conducted. This course is a leveling course which meets an MBA prerequisite; it cannot be counted or substituted for another MBA course.

MGT 5013. Managerial Communications - 3 hours

The study of administrative communications specifically from the perspective of personnel management. Recruitment, selection, interviewing, testing, training, development, supervision, and performance evaluation are the major areas emphasized. Course fee: \$25.

MGT 5043. Organizational Behavior and Servant Leadership - 3 hours

This course integrates concepts, principles, and theories concerned with human behavior in organizations. Three core areas are addressed: factors related to the individual, factors related to groups and teams, and factors related to organizational systems and culture. Principles of leadership are integrated into each of the three core areas, with emphasis on servant leadership attitudes and practices. Prerequisite: MGT 5003.

MGT 5093. Organizational Strategy - 3 hours

This course equips the students to deal with the complexities of managing entire organizations from the perspective of the CEO or COO. It teaches the students to deal with the competing demands for limited resources and the challenges of a competitive global marketplace. It follows up on the concepts of the Balanced Score Card and sustainable returns introduced in earlier returns introduced in earlier courses.

MGT 5111. History of Management Thought – 1 hour

This course explores many of the contributions and contributors to the field of management from ancient times to the present. Its purpose is to help the student grasp the evolving nature of the field and to compare and contrast perspectives, principles and practices suggested by various approaches. In particular it helps the student understand the impact of the secular materialist worldview and to compare and contrast secular materialism with alternative perspectives.

MGT 5233. Management for Results – 3 hours

This course places emphasis on acquiring the knowledge and skills typical of graduate level organization management courses. Its primary topics are business intelligence, planning, organizing, controlling and leading. The distinctive focus is teaching the student to manage self and to be accountable for measurable results of other individuals and teams.

MGT 599(1-3). Independent Study in Management - 1-3 hours

Independent study of some problem or area not covered in organized courses. The study is under the direction of a department member in whose field of specialization the problem lies.

MARKETING**MKT 5003. Marketing Foundations (cross-listed with MKT 3023) - 3 hours**

The study of the system of activities that constitute marketing with emphasis on the theories, principles, policies, and strategies utilized to identify and satisfy the needs and wants of customers. The universal application of marketing management in all forms or organizations is stressed and a research project in marketing will be conducted. This course is a leveling course which meets an MBA prerequisite; it cannot be counted or substituted for another MBA course.

MKT 5023. Marketing Management - 3 hours

This course equips students with the knowledge and skills necessary to plan and execute strategies and tactics typically assigned to the marketing function of organizations. It addresses critical factors affecting product and enterprise competitiveness, including allocating resources; designing, pricing and positioning products; creating awareness through promotion; creating accessibility through distribution strategies; and integrating the marketing function with other functions in the organization. Prerequisite: MKT 5003.

MKT 599(1-3). Independent Study in Marketing - 1-3 hours

Independent study of some problem or area not covered in organized courses. The study is under the direction of a department member in whose field of specialization the problem lies.

MINISTRY**MIN 5012. Interpersonal Communication and Conflict Management – 2 hours**

A study of the process of interpersonal communication and conflict management in churches and Christian organizations. Students will develop competence in communication models, conflict management, conflict resolution, the productive use of conflict and interpersonal communication skills.

MIN 5043. Christian Ethics – 3 hours

This course introduces the student to the practice of Christian ethics. It does not provide an exhaustive treatment of its subject matter, addressing every ethical quandary that a pastor and/or Christian worker may face. Rather, it treats a representative sample of such issues. No specialized knowledge of the Old Testament and New Testament is assumed in this course, to say nothing of a specialized knowledge either of moral philosophy in general or Christian moral philosophy in particular.

MIN 5113. New Testament Survey I: Gospels and Acts – 3 hours

This course is an expository survey of the Gospels and the book of Acts.

MIN 5142. Workplace Ministry and the Law – 2 hours

An introduction to American laws impacting individuals in ministry. Discussion of various federal, state and local laws, including common law, statutes, regulations and court cases focusing upon such topics as employment status, income taxes, confidential communications, defamation, clergy malpractice, political activity and religious liberty.

MIN 5222. Leadership in Church and Organizational Change – 2 hours

A study of the pastoral role in facilitating change.

MIN 5232. Logic and Critical Thinking – 2 hours

This course explores the elements of critical thinking with special reference to the techniques, fallacies and patterns of informal reasoning.

MIN 5322. Educational Administration – 2 hours

This course is a survey of the principles and administrative approaches of the educational ministry of the local church.

MIN 5413. Theology I – 3 hours

The first semester in Christian Theology introduces the student to the foundations of theology. The nature of theology, its method and its sources are discussed and assessed. Special attention is given to the doctrines of revelation, Scripture and God. Demonstration of growth in theological thinking involves both verbal and written expression of the Christian faith in the light of biblical teaching and in the context of the history of theological development.

MIN 5712. Introduction to Apologetics – 2 hours

The purpose of this course is to provide an overview of the major questions arising in the field of Christian philosophy and apologetics. This set of questions would include the nature of the Christian worldview, the rationality of religious

belief, the existence of God, the possibility of miracles, the problem of evil and the historical evidence for the resurrection of Jesus Christ.

Mercy College of Nursing and Health Sciences

Master of Nursing Education

Dean: Martha Baker

Faculty: Carolyn Hart

Office: 4431 S. Fremont St.

Springfield, MO 65804 (417) 820-2069

<http://www.sbuniv.edu/collegeofnursing/Programs/MSN/index.html>

The MSN program is designed for the registered nurse who has a bachelor's degree in nursing or has experience in nursing leadership positions. Candidates for this program must be graduates of a nationally accredited nursing program. It is an accelerated, blended online program for nurses who want to attain a master's degree. Applicants with a bachelor's degree in related disciplines will be evaluated individually. The program prepares nurses for advanced nursing roles with a sequence of core courses plus additional course work that allows students to specialize in one of two concentrations:

Nursing Education

Nurses are prepared to function in academic, staff development, or patient education roles. The program provides an excellent foundation in nursing knowledge, leadership and research skills, and adult educational theory and strategies. For individuals who plan to teach nursing at a baccalaureate level, this program will prepare them for doctoral study.

Nursing Administration

Nurses develop knowledge and skills to influence effective change in health care systems. The application of nursing and leadership theories, economic and finance principles, business management practices, and interdisciplinary collaborative strategies are explored.

MSN Program Outcomes:

1. Integrate skills in critical thinking, information management, and systematic inquiry into the advanced nursing practice role.
2. Construct collaborative partnerships utilizing advanced communication to influence health care, health care policy and professional nursing practice.
3. Synthesize knowledge from concepts theories, principles and research from nursing in the planning and delivery of holistic evidence based health care that is responsive to changing needs and societal trends for a multicultural population.
4. Assume leadership, responsibility and accountability for value based decision-making in the advance practice role.
5. Develop a conscious application and assimilation of the principles of Christian discipleship in the implementation of the advanced practice role.

Admission to the Master of Nursing Education Program

Admission to Unclassified Status

Students who do not wish to pursue a degree but who are eligible for graduate study may take up to six graduate credit hours in the College of Nursing. The ability to transfer credit for the courses completed toward the graduate program at SBU, or another college or university, depends upon the course of study provided at the time of transfer by the receiving program. Applicants who have not completed the application process are also placed in this status until requirements are met

Admission Criteria for an Applicant with the BSN Degree:

1. Submission of Application to the graduate program in nursing
2. Satisfactory completion of 3 hours of upper division under graduate courses in health assessment.
3. Satisfactory completion of graduate level statistics
4. GPA of 3.0 or better in nursing course work
5. BSN from an accredited college or university
6. Licensure as registered nurse in the State of Missouri or eligible for licensure in the State of Missouri.
7. Two letters of recommendation from faculty and employer who can address the applicant's potential to succeed in graduate study

8. Submission of an essay (no longer than 2 pages) outlining how a MSN will facilitate the accomplishment of the applicant's professional goals and career path
9. Interview with the graduate nursing faculty

Transfer Credit

Six graduate semester hours completed at another regionally accredited institution may be transferred and applied to the degree. These credits must be comparable to courses offered at Southwest Baptist University and must be approved by the Graduate Council or the college dean.

Degree Requirements

Students are eligible to graduate after fulfilling the requirements described below. Students who enroll in another college or university without prior permission of the Dean of Graduate Studies are considered to have withdrawn from Southwest Baptist University. Students wishing to transfer work from another institution and not withdraw from Southwest Baptist University must obtain prior approval from the Director of Graduate Studies within the College of Business and Computer Science.

Comprehensive Examination

Each student is required to pass a comprehensive examination at the end of the study for the degree and must be completed at the conclusion of the course during the last semester of study. The examination will test the extent to which the student can analyze, synthesize, evaluate and apply that which has been learned from the various graduate study experiences. Responses on the examination will be evaluated by a committee of graduate faculty. The examination will be administered by the College of Nursing faculty.

Program of Study and Academic Regulations

The MSN degree program will consist of 36-39 credit hours. The direct care specialty of nursing education will be 39 hours. The MSN program is based on the belief that graduate education builds on previous knowledge, experience and degrees. The following plan of study provides the MSN student with core knowledge and concepts from which to build a specialty practice in nursing education and administration.

MSN Core Requirements

Master of Science in Nursing Core Classes (15 hours)

NUR 5013 Nursing Science	3 hours
NUR 5033 Concepts of Advanced Practice Nursing	3 hours
NUR 5043 Ethics and Policy Issues in Advanced Practice	3 hours
NUR 5083 Nursing Research.....	3 hours
NUR 5123 Information Systems.....	3 hours

Master of Science in Nursing Education (24 hours)

NUR 5053 Foundational Perspectives of Education	3 hours
NUR 5213 Teaching and Learning Principles of Nursing Education.....	3 hours
NUR 5223 Evaluation in Nursing Education.....	3 hours
NUR 5313 Advanced Pathophysiology	3 hours
NUR 5323 Advanced Health Assessment & Promotion	3 hours
NUR 5333 Advanced Pharmacology.....	3 hours
NUR 5503 Clinical Practicum	3 hours
NUR 5523 Project/Practicum in Nursing Education	3 hours

Nurse Education Specialty Outcomes

1. Utilize critical thinking skills to integrate education theories, technology, and professional standards into the design, implementation and evaluation of curriculum
2. Determine interventions to evaluate learning and curricular outcomes in nursing education
3. Analyze ethical, political, organizational, cultural, technological, and professional influences on nursing education
4. Develop research based educational strategies for multicultural diverse students
5. Integrate the principles of Christian discipleship and a Christian worldview into the development of

nursing education systems

Master of Science in Nursing Administration (21 hours)

NUR 5023 Health Care Finance.....	3 hours
NUR 5073 Human Resource Management in Health Care.....	3 hours
NUR 5093 Organizational Analysis and Innovation.....	3 hours
NUR 5103 Health Care Systems.....	3 hours
NUR 5113 Advanced Health Care Leadership & Administration.....	3 hours
NUR 5153 Quality and Safety in Health Care.....	3 hours
NUR 5523 Practicum in Nursing/Administration.....	3 hours

Nursing Administration Specialty Outcomes

1. Utilize critical thinking skills to determine effective strategies that stimulate change within nursing that lead to a more effective management of health care delivery systems
2. Collaborate with interdisciplinary teams using advance communication to promote health care systems growth and effectiveness for diverse populations
3. Apply the principles of nursing and leadership theories, economic and finance principles, business management practices, and cultural competency to the delivery of health care
4. Demonstrate leadership qualities and administrative expertise in making value based accountable decisions in the management, coordination, and delivery of nursing care
5. Integrate the principles of Christian discipleship and a Christian worldview into the management of personnel, health care resources, and access to care and attention to vulnerable populations

COURSE DESCRIPTIONS

NUR 5000. Comprehensive Examination Nursing Education – 0 hours

This exam is a synthesis of leadership principles, nursing knowledge, and educational perspectives to influence change at a systems level.

NUR 5000. Nursing Administration Comprehensive Examination – 0 hours

This exam is a synthesis of leadership principles, nursing knowledge, and organizational perspectives to influence change at a systems level.

NUR 5013. Nursing Science – 3 hours

This course addresses nursing science and its evolution in the use of models/theories in advanced practice. Emphasis is on the analytic processes basic to determining the adequacy of selected models/theories.

NUR 5023. Health Care Finance – 3 hours

This course provides students with information on the application of financial management techniques in the healthcare industry. Particular emphasis is placed on understanding the unique problems facing healthcare in the financial relationships among hospitals, patients, physicians and other providers, insurance, capital suppliers and governmental agencies.

NUR 5033. Concepts of Advanced Practice Nursing – 3 hours

This course focuses on the socialization of the student into advanced practice. Nursing history, competencies, and roles of advanced nursing practice with an emphasis on role acquisition are investigated. The course focuses on role development in advanced practice, marketing oneself as an APN, and regulatory and economic policies that affect advanced nursing practice in today's healthcare system. Development of skills in leadership, advocacy, and facilitating change is emphasized.

NUR 5043. Ethics and Policy Issues in Advanced Practice – 3 hours

This course provides an examination of healthcare policy processes and issues at organizational and governmental levels, as well as critical analysis of ethics, principal ethical theories and contemporary healthcare ethical issues relating to individuals and society. Ethics from a Christian moral perspective will be analyzed and their application to public policy discussed.

NUR 5053. Foundational Perspectives of Education – 3 hours

This course provides in-depth examination of major philosophies of education and their relation to teaching practice, methods, curriculum, and educational administration. Philosophies examined include idealism, perennialism, pragmatism, existentialism, romanticism, hermeneutics, and perspectivism.

NUR 5073. Human Resource Management in Health Care – 3 hours

This course examines the complexities and multiple issues involved in human resources management in healthcare organizations. Students will examine the strategic role of human resource management in response to changes in the healthcare industry. In addition, issues such as recruitment, retention, performance management, organizational development, and employee relations are examined. Federal, state, and professional regulatory requirements specific to healthcare are emphasized.

NUR 5083. Nursing Research – 3 hours

Methods of problem solving and decision making in nursing are explored. Guidance is provided to use research knowledge and methods to identify appropriate solutions and outcomes for clinical situations. The development, interpretation and communication of nursing research are addressed.

NUR 5093. Organizational Analysis and Innovation – 3 hours

The purpose of this course is to learn the complex dynamics of organizational process, structure, culture and outcomes, as well as the method of organizational analysis. Also included are large and small organizational responses and resistance to change and innovation, as well as methods of fostering creativity and positive change.

NUR 5103. Health Care Organizations – 3 hours

This course examines the settings and organizations where care is delivered, focusing on the impact of setting on patient, delivery models/personnel providing care. This course also focuses on the role/structure of care in various settings.

NUR 5113. Advanced Health Care Leadership & Administration – 3 hours

This course prepares leaders who facilitate and integrate complex structures and processes in healthcare systems. This course provides an understanding of partnerships, accountability, continuum-defined healthcare systems, self-managed teams and value-based organizations.

NUR 5123. Information Systems – 3 hours

This course provides an examination of human-computer interface and systems design, healthcare decision support and clinical guidelines, system selection and evaluation, organizational issues in system integration, project management for information technology change, regulatory policies, the impact of the Internet, economic impacts of e-health, distributed healthcare information technologies, and future trends.

NUR 5153. Quality and Safety in Health Care – 3 hours

This course examines the relationships between healthcare quality and organizational performance management. The student is introduced to the rationale for performance management and the role of the governing body of the healthcare organization in ensuring compliance with the standards of regulatory and accreditation organizations. Methods for assuring quality in process and outcome management are described, as well as the significance and statistical application

of measuring outcomes.

NUR 5213. Teaching Learning Principles of Nursing Education – 3 hours

This course examines philosophical perspectives and professional standards as a foundation for curricular design. Curriculum frameworks, outcomes, competencies, learning experiences to achieve outcomes, and a model for curriculum evaluation are studied.

NUR 5223. Evaluation in Nursing Education – 3 hours

Methods of assessment and measurement of learning are analyzed and applied in selected nursing education situations. This course includes psychometric theory, various forms of assessment, test construction, and ethical/legal issues surrounding assessment.

NUR 5313. Advanced Pathophysiology – 3 hours

This course focuses on the pathogenesis of human disease as a consequence of abnormalities and alternations of normal physiologic function, based on a molecular and cellular framework. Regulatory and compensatory mechanisms that aim at maintaining and restoring homeostasis in response to changes in the internal and external environment are explored. Students are encouraged to apply critical thinking processes of deduction, induction, analysis, and synthesis in integrating pathophysiologic alterations encountered in their clinical practice with the theoretical framework presented in class.

NUR 5323. Advanced Health Assessment & Promotion – 3 hours

Advanced health assessment techniques are explored. The course introduces the concept of well-being, assessment of risk factors and illness behaviors across the life span and emphasizes design of nursing systems for individuals and families in a variety of healthcare systems.

NUR 5333. Advanced Pharmacology – 3 hours

This course is designed to prepare advanced practice nurses to manage drug therapy for clients across the life span. Pharmacokinetic and pharmacodynamic principles and current research form the foundation for discussion of selected drug groups. Emphasis is given to indications, mechanisms of action, dosages, adverse side effects and control, cost containment, and client education.

NUR 5503. Clinical Practicum – 3 hours

Students learn to apply clinical skills, knowledge, attitudes, and values of the nurse leader in an organizational context. Students will develop practicum goals to implement advanced nursing roles.

NUR 5523. Project/Practicum in Nursing/Administration – 3 hours

This course provides an application of skills, knowledge, attitudes, and values of the nurse leader in an organizational context. Students will develop practicum goals to implement advanced nursing roles. Prerequisite: NUR 5103, NUR 5113, NUR 5023, NUR 5073, NUR 5153, NUR 5093

NUR 5523. Project/Practicum in Nursing Education – 3 hours

The course provides an application of teaching-learning theories/strategies, assessment and measurement methods, curricular frameworks, and nursing knowledge in an educational context. Students will develop practicum goals to implement advanced nursing roles. Prerequisite: EDU 5053, NUR 5213, NUR5223.

College of Education and Social Sciences

Master of Science in Education/Curriculum and Instruction

Master of Science in Education/Lead Teacher

Master of Science in Education/Instructional Technology

Master of Science in Education/Athletic-Activity Administration

Master of Science in Educational Administration

Education Specialist in Educational Administration

Doctor of Education in Educational Leadership

Department Chair: James Truelove

Office: 120 Gott Educational Center

(417) 328-1700 or 1-800-792-4191

Faculty: Mick Arnold, Laurie Boen, Pam Hedgpeth, Tom Hollis,

Bob Perry, Joe Sartorius, James Truelove

<http://www.sbuniv.edu/mseducation/index.htm>

Calendar

Campus Classes Begin

Fall 2012	August 20
Spring 2013	January 7
Summer 2013	June 3

Deadlines for Enrollment for Independent Study, Reading, and Symposium Credit

Fall 2012	September 10
Spring 2013	February 11
Summer 2013	June 7

Deadlines for Completion of Independent Study, Reading, Symposium Credit and Master's Project

Fall 2012	December 5
Spring 2013	May 7
Summer 2013	July 16
Master's Project	4 weeks prior to graduation

Deadlines for Intent to Graduate Card

December 2012	October 10
May 2013	March 86

Graduation Dates

Fall 2012	December 14
Spring 2013	May 18

Program Purposes

The Graduate Programs in Education seek to provide learning experiences that are grounded in the mission and vision of the university and college. In doing so the programs assist teachers and administrators to be caring, effective practitioners in today's schools. Learning experiences are designed to assist teachers and prospective administrators to improve their capability to teach and lead in today's schools at every level. The program is designed to assist graduate students in attaining a number of outcomes.

Assessment

In the Master of Science in Education degree program, periodic measurements of student perceptions and intellectual growth 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 and develop student competencies and to determine and improve the quality of the educational experience for students.

Alumni of the program will be surveyed every 2-5 years. Alumni will be asked to evaluate the major degree program components and appropriateness of relationship to their work in education. Students in the educational administration program will be surveyed upon completion of the degree. A follow-up survey will be conducted two years following graduation.

All students in seeking the Master of Science in Education will take EDU 5073 MS Capstone for the purpose of demonstrating through articulation and performance how the degree has impacted the teaching and learning process in the k-12 setting.

When possible, the immediate supervisor of educational administration graduates will be surveyed to determine the adequacy of the graduate program in preparing people for the principalship.

In the Master of Science in Educational Administration degree program, students will be required to complete EAD 6132 - Capstone Experience in which they will be responsible for demonstrating the knowledge, dispositions and performance objectives of the program through case studies, vignettes, problem-based learning activities and the completion of a comprehensive plan. Additionally, all students will be required to complete the School Leaders Licensure Assessment (SLLA) prior to receiving initial certification as a building level administrator.

In the Education Specialist degree program, each student will be required to complete EAD 7132-Capstone Experience in which they will be responsible for demonstrating the knowledge, dispositions and performance objectives of the program through case studies, vignettes, problem-based learning activities and the completion of a comprehensive plan. Additionally, all students will be required to complete the School Leaders Licensure Assessment (SLLA) prior to receiving initial certification as a building level administrator and/or the School Superintendent Assessment (SSA) prior to receiving advanced certification as a building or district level administrator.

Admission Requirements

All applicants accepted for graduate study must have graduated, or be scheduled to graduate during the current academic year, from a regionally accredited college or university with a baccalaureate degree comparable in content and credit hours with degrees granted by Southwest Baptist University.

For admission into the Master of Science in Educational Administration program, students must currently possess a baccalaureate degree in education and a current teaching certificate issued by the state of Missouri. Also required are three letters of recommendation from persons having knowledge of professional ability and character and validation of at least two years of teaching experience.

For admission into the Education Specialist program students must currently hold a master's degree and hold a valid teaching certificate and at least five years of teaching experience. There are three tracks for admission to the program depending on the graduate degree held and certification as a building level administrator.

In the Doctorate of Education degree program, each student will be required to complete written and oral comprehensive exams as well as the completion of the dissertation as evidence of the knowledge, dispositions and performance objectives for the Ed.D. program.

Admission to Unclassified Status

Unclassified graduate students are persons taking graduate courses, but not pursuing a Master of Science in Education degree or a Master of Science in Educational Administration degree at Southwest Baptist University, and persons who are taking

courses prior to admission to a M.S. Degree program at SBU. Admission of unclassified graduate students is granted by the Office of Graduate Studies on the basis of the general admission requirements stated in Step 1 of below.

For admission to the Ed.D. program, students must currently possess at a minimum post baccalaureate degree in education or educational administration. Students should contact the Office of Graduate Studies in Education to obtain the appropriate application material.

Admission to Classified Status for Degree-Seeking Students

Graduate students in classified status are those who have been admitted to the Master of Science in Education degree program, the Master of Science in Educational Administration degree program, the Educational Specialist degree program, or the Doctorate of Education degree program.

Persons wishing to pursue the Master of Science in Education degree, the Master of Science in Educational Administration degree, or the Educational Specialist degree at Southwest Baptist University should complete the process of admission to the graduate program as a classified degree-seeking student prior to the completion of 9 credit hours at SBU.

At least 15 hours must be completed at Southwest Baptist University after official admission to the Master of Science in Education degree program. Admission to the Master of Science in Educational Administration and Education Specialist degree programs must be accomplished prior to the completion of 9 credit hours at SBU.

An applicant for admission to any of the Master of Science Degree programs may be fully or unconditionally admitted or may be admitted with limitations or conditions.

Criteria for full or unconditional admission to the Master of Science degree programs are:

1. A Missouri Teaching Certificate, or a Pass for Missouri certification on the PRAXIS II or 1040 or higher combined total for the Verbal and Quantitative score and 4.0 or higher for the Analytical Writing portion on the Graduate Record Exam; and
2. An undergraduate Grade Point Average of at least 2.75 on a 4.00 scale; and
3. A positive recommendation for admission from the Graduate Education Admissions Committee.

Conditional Admission may be granted upon the recommendation of the Graduate Education Admissions Committee for a person who does not fully meet the criteria given above. When a person is granted conditional admission, the conditions for continuing in the program are communicated in writing by the Office of Graduate Studies.

Steps to be followed in obtaining admission to one of the Master of Science Degree programs are:

Step 1: Submit the following materials to the Office of Graduate Studies:

1. An **official** transcript showing completion of a bachelor's degree.
2. **Official** transcript(s) showing any previous graduate study.
3. A Graduate Studies application form.
4. One of the following:
 - a. A copy of the applicant's Missouri Teaching Certificate (PC-1) issued after September 1, 1991, *or*
 - b. An official report of passing scores made on the PRAXIS II *or*
 - c. An official report of passing scores made on the Graduate Record Examination (GRE).
(An M.S. degree from an accredited school may be substituted for testing requirement.)
5. A \$25 application fee.
6. Master of Science in Educational Administration students are required to submit three letters of recommendation from people with knowledge of their character and leadership capabilities in addition to the requirements stated above.

Step 2: Admission Questionnaire

An admission questionnaire, including a handwritten statement describing the applicant's motivation for pursuing the master's degree at Southwest Baptist University, must be submitted by the applicant. This form is mailed to the student upon request and should be submitted by the student with the application.

Step 3: Committee Action

After all admissions materials are filed, the Graduate Admissions Committee will meet and determine the admissibility of the candidate. One of the following actions will be taken:

1. The candidate may be unconditionally admitted to the graduate program at Southwest Baptist University.
2. The candidate may not be admitted to the graduate program and may not pursue a graduate degree at Southwest Baptist University.
3. The candidate may be conditionally admitted and may proceed to pursue the appropriate master's degree if stated conditions are continuously met.

The Graduate Admissions Committee may grant conditional admission to persons who do not fully meet all admissions criteria, but in the view of the committee demonstrate potential for completing the program and making a worthy contribution through teaching or building level administration.

Step 4: Notification

The Office of Graduate Studies will notify the applicant in writing of the decision of the Graduate Admissions Committee. If the applicant is admitted conditionally, the conditions for continuing in the program will be listed and communicated in writing. An advisor will be announced in the letter. Students should communicate with their assigned advisor as soon as possible.

Steps to be followed in obtaining admission to the Education Specialist are:

2. An official transcript showing the completion of a bachelor's degree and master's degree, as well as all undergraduate and graduate work attempted. The transcript must come directly from the sending institution. No "issued to student", faxed, or photocopied transcripts will be accepted.
3. \$25 application fee.
4. Graduate application and questionnaire.
5. A copy of the candidate's administrative and/or teaching certificate.
6. Successful completion of the SLLA (scores submitted) or a professional development plan.

Admission Standards for the Doctorate of Education Degree Program

Students applying for the program should be currently involved in an educational role, or have had previous experience in educational roles, with priority given to students holding positions with administrative responsibilities. The educational experience may encompass a number of settings, including school administration, colleges and universities, and community and/or faith-based organizations. The Ed. D. Admissions Committee will consider the following factors in the admission of an applicant to the program, and strength in one area may be weighed favorably against shortcomings in another:

Evidence of a completed master's degree in educational administration from an accredited university with a grade point average of at least 3.5 on a 4.0 scale for courses applied toward the master's degree with preference to students who have completed the educational specialist degree;

1. Evidence of a completed educational specialist degree in educational administration or curriculum and instruction from an accredited university with a grade point average of at least 3.5 on a 4.0 scale for courses applied toward the educational specialist degree;
2. Evidence of successful completion of the School Leaders Licensure Assessment (SLLA) and/or the School Superintendent Assessment (SSA);
3. Evidence of certification as a building level administrator with preference given to those applicants holding district level administration certification;
4. Commitment and demonstration to the advancement of education through professional leadership as indicated by:
 - a. Currently holding an administrative position;
 - b. Currently holding a leadership position in a related field,
 - c. Essay of applicant's professional accomplishments, career goals and personal philosophy of leadership, no more than two pages in length.
5. A formula established by the Ed. D. Admissions Committee calculated on $(GPA \times 150) + \text{Verbal GRE score} + \text{Quantitative GRE score}$. The formula score must be greater than or equal to 1500;
6. Three recommendation forms completed by those knowledgeable of applicant's professional, academic, and ethical qualities;
7. Submission of a professional vitae/resume.
8. Additional criteria to be considered: received a Regional State or National Award, leadership experience in a related field.

The Ed.D. Admissions Committee composed of members of the graduate studies program in education may request an interview with the applicant.

For students not holding a master's or specialist degree in educational administration should contact the Office of Graduate Studies in Education for information about leveling courses required for admission to the Ed.D. program.

Admission Procedures

Ed. D. candidates will submit all required documents by stated deadline to the Director of the Ed.D. program. Southwest Baptist University Graduate Department Faculty will comprise the committee to review all application materials. Candidates will be objectively selected based on ratings of performance on their admission standards and writing sample. Candidates will be notified if they were accepted into the program no later than four weeks after the application deadline. Students not accepted into the program may appeal to the Coordinator of Doctoral studies requesting a review by the Coordinator and the Dean of the College of Education and Social Sciences. The applicant will be notified of their decision within three (3) weeks of the receipt of the appeal.

Admission of a Last-Semester Senior (**Master of Science in Education ONLY**)

An undergraduate student, enrolled on the SBU campus in Bolivar, interested in taking courses for graduate credit during the last year of undergraduate work may register for graduate courses with the approval of the Office of Graduate Studies in Education. To be considered, a transcript of completed work indicating a cumulative GPA of 2.75 on a 4.00 scale, a schedule of classes for the semester the work is to be completed, an application for admission to the Graduate Program, and letters of recommendation from two undergraduate faculty members must be submitted to the Office of Graduate Studies in Education. This information must be processed at least three weeks before the beginning of the semester. Students may complete up to 12 graduate hours prior to the completion of the baccalaureate degree. The graduate courses taken will be held in escrow until the degree is completed. These hours may not be transferred to another university until the baccalaureate degree is completed. Combined total enrollment shall not exceed 16 hours.

International Students

International students must meet the admission requirements stated in the previous sections. Official records of all higher education, including certificates of degrees with the dates the degrees were conferred, must be submitted. All records not in English must be accompanied by an official translated record. All records should show the individual subjects studied and the grades received in each subject. International applicants are required to submit proof of adequate finances for the entire period of study. Admission will not be granted until such proof is submitted. Eligible applicants whose native language is not English must take the Test of English as a Foreign Language (TOEFL) and attain a score of at least 550.

Transfer Credit

Upon approval, a student may transfer a maximum of 12 semester hours of graduate credit from regionally accredited colleges and/or universities with the exception of the Master of Science in Education/ Curriculum and Instruction degree program, a maximum of 9 semester hours of graduate credit may be transferred. No transfer credit will be accepted for the 8000 level courses in the Ed.D. program. **Transfer courses must have been completed within the last 7 years.** Courses must be applicable to a student's SBU graduate program and become a part of the program of study when transferred. Official transcripts indicating the courses to be transferred must be on file in the Office of Graduate Studies in Education **prior** to admission.

The Department Chair of Graduate Studies in Education and the Dean of Graduate Studies must approve transfer credits. Graduate courses transferred to Southwest Baptist University must have grades of A, B, S, P, or CR and must be similar to graduate courses offered by Southwest Baptist University. **Official transcripts must be submitted directly to the Office of Graduate Studies.**

A student currently admitted as a classified graduate student at Southwest Baptist University who desires to complete graduate course work at another regionally or nationally accredited institution and transfer it to SBU must have **prior approval** of the advisor and the Director of Graduate Studies in Education. The Transfer Course Approval Form must be completed and approved by the above persons prior to taking the course work.

Course work in Educational Administration completed outside the state of Missouri can not be transferred to Southwest Baptist University and will not be applied to the Master of Science in Educational Administration degree. **No OLIS courses will be accepted for transfer credit.** Southwest Baptist University reserves the right to accept or reject any credit for transfer.

Any student receiving an "F" for the course will be required to retake the course through Southwest Baptist University. Transfer credit from another institution will not be accepted in the event a student must retake a course due to receiving a grade of "F".

Auditing a Course

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. Regular class attendance is expected. Auditors should consult with

the instructor regarding restrictions and expectations. Change from credit status to audit status must be approved by the instructor and the Director of Graduate Studies in Education. Persons who are not currently enrolled in the University must apply for admission in order to register as an auditor. Tuition for auditing a class is one-half (2) the rate charged for regular enrollment.

A student cannot change from a credit to audit (or admit to audit) after the third class meeting.

Degree Requirements

To receive the **Master of Science in Education** degree a student must:

1. complete all course requirements;
2. complete all course work with no more than 6 semester hours of C;
3. receive a C or higher in all course work;
4. no more than 49% of the degree may be taken at one location with the exception of the Bolivar, Mountain View or Salem campuses;
5. complete all requirements within 5 years of the date admitted to the graduate program;
6. participate in commencement exercises unless absence is approved by the Provost.

The degree seeking student must complete, file and obtain approval of an official plan of study within 2 weeks following admission to the program. Plan of Study forms are available from the Office of Graduate Studies in Education. **At least 15 hours must be completed after official admission to the degree program.** The student should develop the plan of study in consultation with their advisor. As the student progresses through the program, any necessary changes in the plan of study must have the approval of the same advisor and the Director of Graduate Studies in Education. Advisors will note changes in the permanent file of the student in the Office of Graduate Studies.

The Master of Science in Educational Administration degree leads to recommendation for certification as an elementary, secondary or K-12 school principal following successful completion of the SLLA. The elementary and secondary school certificates require 38 credit hours. The middle school endorsement requires completion of either the elementary or secondary school principal requirements plus additional course work as required by the Missouri Department of Education (DESE). Contact the office of graduate studies in education for details concerning middle school principal certificate endorsement.

The Educational Specialist degree leads to recommendation for initial certification as an elementary **or** secondary principal for students entering the program with the M.S. in Education degree. Students completing the Ed.Sp. who currently hold certification as a building level administrator will be recommended for the advanced principal certification and the initial superintendent certification following successful completion of the required national examination.

Persons completing the Master of Science in Education degree and teacher certification must fulfill the above requirements and the requirements for certification. The master's certification program is available on the Bolivar campus only. Master certification students are required to complete the comprehensive exam. Students should consult their advisor.

The **Master of Science in Education/Curriculum and Instruction** degree will include the following courses:

- EDU 5183 Brain Based Teaching and Learning
- EDU 6243 Essentials in Reading
- EDU 5213 Current Issues in Educational Technology
- EDU 5323 Improving Instruction
- EDU 5683 Effective Inclusion Practices
- ITL 5633 Instructional Material Design and Application
- EDU 5023 Curriculum Design and Development
- EDU 5033 Learners and the Learning Process
- EDU 5863 Schools by Design
- EDU 5083 Educational Research
- EDU 5073 MS Capstone

The **Master of Science in Education/Lead Teacher** degree will include the following courses:

- EDU 5033 Learners and the Learning Process
- EAD 6053 School Supervision
- EAD 6083 Essentials in Law, Finance, and Buildings
- EAD 6143 Educational Organizations, Leadership & Change
- EAD 6014 School Administration (Residency)
- EAD 6024 School Curriculum (Residency)
- EDU 5213 Current Issues in Educational Technology

EDU 5083	Educational Research
EDU 5023	Curriculum Design and Development
EDU 5313	Clinical Field Study
EDU 5323	Improving Instruction
EDU 5593	Spiritual Issues in Public Schools

The **Master of Science in Education/Instructional Technology** degree will include the following courses:

ITL 5923	Online Teaching in the K-12 Environment
ITL 5723	Advanced Media Management and Supervision
ITL 5613	The Instructional Role of Educational Media and Technology
ITL 5813	Technology Planning and Budgeting
ITL 5643	Advanced Hardware and Software (Residency)
ITL 5623	Multimedia Tools and Applications (Residency)
EDU 5213	Current Issues in Educational Technology
ITL 5633	Instructional Material Design and Application
EDU 5083	Educational Research
ITL 5733	Leadership in School District Technology
ITL 5093	Field-Based Research in Instructional Technology

Master of Science in Education/Athletic-Activity Administration (34 hours)

AAD 5003	Organization and Administration of Athletics/Activities
AAD 5002	Leadership Philosophy in Athletics/Activities
AAD 5001	Athletic/Activity Internship I
AAD 5032	Technology for Athletic/Activity Administration
AAD 5023	Legal Issues in Athletics/Activities
AAD 5011	Athletics/Activities Internship II
EAD 6053	School Supervision
AAD 5021	Athletics/Activities Internship III
AAD 5033	Character Development in Coaching
AAD 5043	Sports Psychology & Stress Management
AAD 5053	Diversity in Athletics/Activities
AAD 5012	Public Relations in Athletics/Activities
AAD 5031	Athletics/Activities Internship IV
AAD 5022	Facility and Game Management
AAD 5063	Finance & Fundraising in Athletics
AAD 5041	Athletics/Activities Internship V

The **Master of Science in Educational Administration** degree will include the following courses:

Elementary or Secondary School Principal Certificate:

EDU 5033	Learners and the Learning Process
EDU 5083	Educational Research
EAD 6001	Introduction to Technology for Administrators
EAD 6002	Foundations of Educational Administration
EAD 6014	School Administration
EAD 6024	School Curriculum
EAD 6053	School Supervision
EAD 6062	Internship 1
EAD 6072	Internship 2
EAD 6083	Essentials in Law, Finance and Buildings
EAD 6093	Administration of Special Programs
EAD 6113	Administrative Communication, Innovation and Management
EAD 6132	Capstone Experience
EAD 6143	Educational Organizations, Leadership and Change

Upon completion of the Master of Science in Educational Administration degree the candidate will be recommended for certification in the grade levels of their undergraduate teaching field and recommended for endorsement in K-12 administration. Students must successfully complete the SLA to receive certification in the State of Missouri.

Time Limitations

The student is required to complete the Master of Science in Educational Administration Degree within 5 years of the date of admission. Requests for extensions must be made in writing and submitted to the Chair of Graduate Studies in Education.

The **Education Specialist** degree will include the following courses:

EAD 7000	Continuous Enrollment (as needed to complete field study)
EAD 7002	Educational Technology
EAD 7003	School District Administration
EAD 7013	Personnel Administration
EAD 7023	Advanced School Finance
EAD 7033	School Planning & Maintenance
EAD 7043	Research and Statistics
EAD 7053	Advanced School Law
EAD 7063	Field Study
EAD 7072	Internship I in Superintendency
EAD 7082	Internship II in Superintendency
EAD 7093	Politics in Education
EAD 7123	The Superintendency
EAD 7132	Capstone

Students who possess a Master's degree and wish to pursue the Specialist degree in Administration must complete the following leveling courses:

EAD 6002	Foundations of Educational Administration
EAD 6053	School Supervision
EAD 6093	Administration of Special Programs
EAD 6014	School Administration
EAD 6024	School Curriculum for Administrators
EAD 6062	Internship I

Students must also complete a minimum of three (3) hours in Advanced Educational Psychology and a minimum of three (3) hours of Educational Research at the masters level. If not completed as evident on and official transcript, the additional six (6) hours must be completed as part of the leveling process.

Students completing the leveling courses and the Education Specialist will receive endorsement as a building level administrator (Initial Principal's Certificate in either elementary or secondary administration).

Time Limitations

The student is required to complete the Educational Specialist Degree within 5 years of the date of admission. Requests for extensions must be made in writing and submitted to the Chair of Graduate Studies in Education.

The **Doctor of Education** degree will include the following courses:

Track One: Candidates holding the Educational Specialist Degree in School Administration/Superintendency or School Administration will complete the following courses for the Ed.D.:

EAD 8023	Educational Advocacy
EAD 8033	Advanced Research
BUS 6002	Non-Profit Financial Management
EAD 8043	Advanced Statistics and Instrument Design
EAD 8053	Ethics in Personal & Professional Life
EAD 8003	Leadership and the Law
EAD 8013	Leadership in Learning
EAD 8001	Symposium Planning and Development
BUS 6012	Organization Consulting Practice
EAD 8011	Education Symposium
EAD 8073	Directed Research

Written Comprehensive Exam

DIRECTED RESEARCH SEMESTER(s) (3 credit hours)

WRITING THE DIRECTED RESEARCH (6-36 credit hours/12 semesters)

Oral Defense of the Directed Research

30 hours minimum (24 credit hours of class work and minimum 6 hours directed research)

Track Two: Candidates holding the M.S. in Educational Administration with initial certification as a building level administrator will complete the following courses as part of the leveling classes for the Ed.D. These courses are in addition to the courses for the Ed.D. Upon completion, the student will be recommended for the advanced principal certificate and the superintendent certificate upon successful completion of the SSA.

EAD 7003 School District Administration (3 credit hours)
EAD 7013 Personnel Administration (3 credit hours)
EAD 7023 Advanced School Finance (3 credit hours)
EAD 7033 School Planning and Maintenance (3 credit hours)
EAD 7043 Research and Statistics (3 credit hours)
EAD 7072 Internship in the Superintendency (2 credit hours)
EAD 7123 The Superintendency (3 credit hours)

Track Three: Candidates holding the M.S. in Education or related degree in the educational field will be required to complete the following M.S. level courses and Ed.Sp. courses as part of the leveling requirement for the Ed.D. Upon completion of the leveling courses and the courses leading to the Ed.D., students holding the MS in Education or a related field in education will be recommended for the initial principal certification upon successful completion of the SLLA. For the Career Certificate to be granted, students must have four years of experience as a building level administrator and two years of mentoring. Candidates may also apply for the superintendent's license upon successful completion of the SSA.

EAD 6002 Foundations of Educational Administration (2 credit hours)
EAD 6053 School Supervision (3 credit hours)
EAD 6014 School Curriculum (4 credit hours)
EAD 6024 School Administration (4 credit hours)
EAD 6093 Administration of Special Programs (3 credit hours)
EAD 6062 Internship I (2 credit hours)
EAD 7003 School District Administration (3 credit hours)
EAD 7013 Personnel Administration (3 credit hours)
EAD 7023 Advanced School Finance (3 credit hours)
EAD 7033 School Planning and Maintenance (3 credit hours)
EAD 7043 Research and Statistics (3 credit hours)
EAD 7072 Internship in Superintendency (2 credit hours)
EAD 7123 The Superintendency (3 credit hours)

Program of Study and Academic Regulations

The program of study for the Master of Science in Education degree is focused on the professional growth and development of elementary and secondary teachers. The degree is usually sought by persons who are experienced teachers; however, a growing number of persons are completing the Master of Science Degree prior to beginning their teaching career.

The Master of Science in Education /Curriculum and Instruction degree is designed for classroom teachers who desire to improve student learning and achievement through innovative, relevant, and researched based approaches in education. Upon completion, teachers will gain deeper understanding of best practices in the key areas of curriculum, instruction, learning, technology, assessment and pedagogy. The degree will help to prepare teachers in meeting the needs of today's schools by providing leadership for key educational concerns. A Christian perspective is woven throughout the program, with an emphasis on helping teachers to further develop as caring, effective practitioners in today's schools.

The Master of Science in Education/Lead Teacher is a post baccalaureate degree that will provide practicing educators the opportunity to gain the necessary skills to become lead teachers/department chairs in their building without completing a degree in Educational Administration. Additionally, this program offers curriculum and administrative coursework that will permit graduates to remain in the classroom, or enter the field of administration, through the completion of additional courses and certification requirement.

The Master of Science in Education/Instructional Technology Leadership (ITL) is designed for individuals who want to lead the way in improving teaching and learning in education and training settings through the application of educational technology theory and practice. By completing this program, students will be prepared with the knowledge and abilities

necessary to effectively solve learning problems in a variety of settings with an emphasis in instructional technology. The ITL program is specifically designed for students who wish to participate in improving the quality of education at school, work, and community through the informed use of educational technologies. To support this design, the ITL makes use of video, audio, computer and telecommunication technologies uniquely combined to optimize information access and learning at the graduate level. Courses integrate new curricular experiences involving cooperative learning, project-based assessments, expert interview, product demonstrations, role-modeling, field-based inquiry, and worldwide networking with traditional listen and read methods. The 33 credit hour program includes required course work in the theory and practice of educational technology systems, instructional design and applications, and school leadership in instructional technologies.

The Master of Science in Education/Athletics-Activities Administration is designed for individuals who seek to lead the athletic and activity program in their school. Courses in this program will lead students to certification through the National Interscholastic Athletic Administrators Association (NIAAA).

Southwest Baptist University offers a Master of Science and an Education Specialist in School Administration specifically designed to prepare students for leadership roles at the building and district level. Recommendation for initial certification as elementary and secondary school principals with the opportunity to complete the coursework for middle level endorsement as well as recommendation for advanced certification in district level administration. The program has been developed in accordance with certification requirements established by the State Board of Education of the State of Missouri. (Certification programs are administered by the Department of Elementary and Secondary Education (DESE)).

The Educational Administration program is coordinated and administered through the Office of Graduate Studies in Education at SBU. Current policies related to the existing Master of Science in Education degree (as printed in this catalog) apply to the Master of Science in Educational Administration and the Education Specialist degrees.

The Master of Science in Educational Administration degree leads to recommendation for certification as an elementary, secondary or K-12 school principal. The elementary and secondary school principal certificate programs are 38 credit hours each. Endorsement may be obtained as a middle level principal by completing additional course work.

The Education Specialist degree leads to recommendation for certification as a district level administrator. The program is 36 credit hours with students required to maintain continuous enrollment until the completion of the field study.

The Doctor of Education degree may lead to recommendation for initial or advanced certification as a building level administrator or certification as a district level administrator depending on the degree and certification held before entering the program. Students are required to maintain continuous enrollment until the completion of the dissertation. Students should consult with their advisor for time limits on completion of the degree.

Individualized Study Limitations

(Applies to the Master of Science in Education degree program ONLY)

A graduate student is limited to 3 hours of independent study, 3 hours of readings credit, and 3 hours of symposium credit. Each of these must be supervised by an authorized graduate faculty member. Arrangements may be made with the student's supervisor or other authorized graduate studies faculty member. Application forms may be requested through the Office of Graduate Studies in Education.

Independent studies, readings, and symposium credits will not be granted in the Educational Administration degree program.

The deadline for registering for the independent study, readings credit, and/or symposium credit is two weeks after the beginning of the semester (Fall or Spring) and by June 1 if the student is planning to graduate in July. Individualized study must be completed by December 1 for the fall semester, May 1 for the spring semester and July 15 for the summer semester.

Students will be notified in writing when the work is approved. No regularly offered courses may be taken for independent study.

Maximum Load

A graduate student may enroll in a maximum of 12 hours per semester. A full-time graduate student is one enrolled in 6 or more semester hours of graduate credit during the fall and spring semesters and 6 semester hours during the summer session. The average enrollment for graduate students is 6 hours per semester.

Time Limitations

The student is required to complete the Master of Science Degree within 5 years of the date of admission. Requests for extensions must be made in writing and submitted to the Director of Graduate Studies in Education.

Course Repetition

Graduate courses taken at Southwest Baptist University for which the grade is F must be repeated at Southwest Baptist University. Exception to the number of times a course can be repeated may be granted only by the Provost.

Graduate courses taken for which the grade is C may be repeated only once. If the course is repeated at another college or university, prior approval must be received from the department chair of Graduate Studies in Education at SBU.

Courses taken for which the grade is A or B cannot be repeated.

Residency Requirement

Southwest Baptist University offers graduate courses in education and educational administration at selected branch campuses and off-campus sites. To receive the Master of Science Degree, a minimum of 6 hours of organized course work (excluding independent study, readings, master's project, internships, and other independently supervised work) must be completed in residence on the campus at Bolivar, Missouri. Course work taken through Instructional Television from the Bolivar campus and specific online residency course work may be counted toward the in residence requirement. One credit hour workshops held on the Bolivar campus cannot be used to satisfy the residency requirement.

Withdrawal from Southwest Baptist University

Students who wish to withdraw from the University, must withdraw officially through the Office of Graduate Studies in Education.

If a student withdraws from school after 60% of the class has elapsed, a grade of W will be assigned in all courses where the student is passing as of the date of the withdrawal. In the event the student fails to notify the necessary office, his/her withdrawal is not complete and grades of F will be recorded for failure to attend classes.

Enrollment in the course is defined as: a student who pre-enrolls via telephone, a pre-enrollment form by mail, or an in-class enrollment. Following initial enrollment, the student is responsible to notify the proper officials if the student wishes to drop a course.

Enrollment Policy

Southwest Baptist University reserves the right to cancel any course having an enrollment which falls below the minimum enrollment established by the Graduate Council.

The Master's Degree Teacher Certification Program

Southwest Baptist University offers a program by which qualified graduate students may become certified to teach in elementary, middle or secondary schools while earning the Master of Science in Education degree. The program is designed so that the participant may meet requirements for a Missouri teaching certificate (PC-1) and concurrently complete the requirements for the Master of Science in Education degree. The graduate level courses are open only to students with a bachelor's degree except by special permission from the Chair of Graduate Studies in Education. The intent of the program is to attract outstanding persons from other areas of study for entry into teaching. The program is designed for persons whose undergraduate study was related to the fields in which they plan to teach and who have an outstanding undergraduate record.

Since the program involves study leading to both the Master of Science Degree and the Missouri teaching certificate (PC-1), the degree is not granted until certificate requirements are met, and the certificate is not processed until the Master of Science Degree requirements are met. The program enables the graduate student to earn a Master's Degree and meet teacher certification requirements in a setting which encompasses a Christian perspective. The program is offered by Southwest Baptist University only on the campus in Bolivar. Participants in the program are charged the graduate rate of tuition for all required undergraduate leveling or certification course work. However, only persons fully admitted to the program or in their first semester of study while seeking admission to the program will be approved to take undergraduate leveling courses at the graduate tuition rate. The program is available only to persons who have been formally admitted to the teacher education program.

Criteria for admission into the Master's Degree Teacher Certification program are the same as for admission to Graduate Studies in Education. Among criteria for admission to the Teacher Education program are the development of a complete student file in the Office of Teacher Education, passing scores on all sections of the C-BASE test, and EDU 2113 and EDU 2313, or their equivalents.

After an initial interview with the Certification Officer in Teacher Education at SBU, prospective students are assigned an advisor who provides guidance in admission to and completion of both the Master's Degree and teacher certification

requirements. It is the student's responsibility to make arrangements for the interview with the Certification Officer in Teacher Education. Completion of the program involves meeting both Missouri teacher certification and Master of Science in Education degree requirements. MS Certification students may the comprehensive exam in lieu of EDU 5073.

Locations of Branch Campuses and Off-Campus Sites

Southwest Baptist University offers the Master of Science in Education degree at several locations around the state of Missouri. The Master of Science in Educational Administration degree will be offered at the St. Louis and Bolivar locations only. However, a limited number of cohorts may be started at additional locations. To determine if there are courses being offered near your residence, call the Office of Graduate Studies at 1-800-792-4191.

Temporary Authorization Certificate (TAC) Program Program Description

A. Objectives

The Temporary Authorization Certificate (TAC) program at Southwest Baptist University is designed to:

1. Assist Missouri school districts within the service area in staffing secondary school subject areas with teachers who are well prepared and are quality servant leaders;
2. Provide a strong alternative certification program in secondary school teacher education with a Christian worldview for the non-traditional student.

B. Application Criteria and Admission Procedures

1. The criteria for admission to the ACP at Southwest Baptist University is pursuant to an approved program registered with the State Department of Elementary and Secondary Education (DESE).
2. To receive unconditional admission, a candidate must present evidence of employment or intent to employ by a school district in the state of Missouri contingent upon certification. The candidate may be conditionally admitted if he/she is not able to obtain employment during the first year of the program. To obtain unconditional admission, the candidate must obtain employment within two (2) years of the beginning of their program.
3. The applicant must hold at least a bachelor's degree from an institution of higher learning that is accredited either regionally or nationally with a grade point average of 2.50 or higher on a 4.00 scale. All official transcripts of undergraduate work must be submitted prior to admission into the ACP.
4. The applicant must submit an approved application form, questionnaire, application fee, official transcripts, and PRAXIS II scores to receive unconditional admission into the Master's degree program.
5. Students seeking vocational certification should consult the Missouri Department of Education for any additional classes, and communicate with their superintendent and SBU advisor.

* For up to date criteria view DESE website for TAC regulations.

C. Structure of the program

1. Program Courses:

PSY 5133	Adolescent Development
EDU 5853	Classroom Management
EDU 5333	Principles and Methods of Teaching (secondary)
EDU 5832	Assessment and Evaluation of Learners
EDU 5842	Teaching Diverse Learners
EDU 5613	Teaching Reading in the Content Areas
EDU 5873	Integrating Technology in K-12 Classrooms
EDU 5943	Educational Capstone Experience

TAC program courses are offered on a rotation basis. Contact the Office of Graduate Studies in Education for the current rotation and information about a master's degree option.

COURSE DESCRIPTIONS

ATHLETIC - ACTIVITY ADMINISTRATION

AAD 5001, 5011, 5021, 5031, 5041. Internship in Athletic/Activity Administration - 1 hour each semester

Designed to provide the student with valuable supervised practical experience in athletic/activity supervision and administration. As part of the degree program students will be required to enroll in the internship each of the semesters they are in the program. Internships are sequential and students must complete the previous internship before moving to the next. Internship Fee: \$50 per class.

AAD 5002. Leadership Philosophy in Athletics - 2 hours

The goal of this course is to provide the student with an understanding of issues of leadership and to examine applications of leadership principles to the college and high school athletic environment. The course serves as an overview for interscholastic athletic administration and introduces the philosophy of athletic administration, then focuses on the roles of the NIAAA, the NFHS, the State Athletic/Activity Associations, and the State Athletic Administrator's Associations. The NIAAA Leadership Training and Certification Program LTC 501 will be part of this course. Successful completion of the material will lead toward initial athletic administration certification.

AAD 5003. Organization and Administration of Athletics - 3 hours

This course provides an overview of the theoretical foundations and applied areas in administration of athletic programs. Topics to be covered include: human resources management, facility management, sport marketing, budgeting, fundraising, ethics, and the future of athletics administration. The course is intended as a basic introduction into the principles of athletic administration. Successful completion of the material will lead toward initial athletic administration certification.

AAD 5012. Public Relations in Athletics - 2 hours

This course examines the marketing process in interscholastic athletics. Through the process, the student will study the theories, research, and development of sport marketing and public relations. The course focus will be on the implementation of a sport marketing plan. The course will also look at the communications and public relations activity as it pertains to sport organizations and emphasizes athletic promotion, fundraising, finance, economics, and marketing.

AAD 5022. Facility and Game Management - 2 hours

This course focuses on the application of both theory and practice of planning and managing facilities and athletic events in interscholastic athletics. Upon completion of the course, participants will be able to understand the complexities involved in managing various types of athletic facilities and in planning, production, and evaluation of athletic events. Topics to be covered in this course include planning and design of athletic facilities, management of athletic facilities, housekeeping and maintenance, event planning, and production.

AAD 5023. Legal Issues in Athletics - 3 hours

This course provides in-depth coverage of all aspects of liability for sports injuries and risk management, including the duties imposed on athletic administrators, coaches, athletic trainers, and other athletic personnel. In addition, fundamentals of an effective risk management program and development of a strategic plan for risk management will be discussed. This course will also include an extensive study of Title IX and gender equity in athletic programs. Successful completion of the material will lead toward initial athletic administration certification.

AAD 5032. Technology for Athletic Administration - 2 hours

This course introduces advanced features in Word, e-mail applications, EXCEL and PowerPoint to improve the quality and presentation of materials. Additional areas covered are mail merge using Microsoft Word, and creating charts in Microsoft Excel, Mansker, and other athletic software, and web page development. The course requires the student to interact with the software in the process of developing presentations and daily administrative reports.

AAD 5033. Character Development in Coaching - 3 hours

Character-based educational athletic principles will be used to encourage improved communication between school boards, superintendents, principals, parents and boosters. This character-based program will help support and embrace the values and views lived daily in the school setting by the student athletes, coaches, athletic department and school faculty. This course will empower the athletic administrator to motivate the entire community by creating strategies to use in the school community.

AAD 5043. Sports Psychology and Stress Management - 3 hours

This course introduces participants to managing human resources in interscholastic athletic organizations, such as athletic departments in middle and high schools. Various aspects of managerial functions and human behavior in interscholastic athletic organizations, intervening stress as well as the importance of communication, leadership, negotiation, motivation, and decision making will be addressed.

AAD 5033. Diversity in Athletics - 3 hours

This course is designed to provide an overview of current issues in athletics and to teach learners what diversity is and how it applies to sports in general and more specifically to gender, race, religion and various cultures. This course will help learners understand the unique challenge for sports leaders to better understand diversity and through this understanding help all participants involved in athletic programs.

AAD 5063. Finance & Fundraising in Athletics - 3 hours

Examination of current fiscal challenges and concerns in athletics. The knowledge and skill sets of this course serve as a foundation for administration of athletics at various levels. Topics include financial pressures for sports leaders, fundraising practices, effective marketing, public relation campaigns, fiscal management, accountability and stewardship. Students exercise analytical thinking skills and develop a respect for financial stewardship for successful athletic administration.

EDUCATION**EDU 5000. Comprehensive Exam Seminar**

All M.S. certification students planning to take the Comprehensive Examination will be enrolled in EDU 5000 and are required to complete the seminar and quiz. Once they have completed the quiz, they will receive a letter from the office of graduate studies in education that will serve as their admission into the exam site. Students who do not complete the seminar and quiz will not be admitted into the Comprehensive Exam. The student will not be assessed a fee for EDU 5000.

EDU 5002. Teaching Social Sciences I - 2 hours

A study of social sciences in the elementary school with emphasis on methods and techniques of presenting important concepts from the several disciplines comprising the social sciences. Prerequisites: EDU 2113, 2313 and Teacher Education requirements. Offered only on the Bolivar campus during the fall and spring semesters.

EDU 5003. Adapted Physical Education - 3 hours

Basic terminology, fundamental values, and an overview of special populations and their problems related to physical education. Surveys of settings, services, resources, and programs in physical education for the handicapped. Only offered on the Bolivar campus.

EDU 5022. Teaching Social Sciences II - 2 hours

A study of social sciences in elementary/middle schools with emphasis on methods and techniques of presenting concepts from geography and economics. The focus will be on the five central themes of geography and the four major concepts of economics. Assessment of social studies skills in geography and economics will be addressed. Prerequisites: EDU 5002. Offered only on the Bolivar campus during the fall and spring semesters.

EDU 5023. Curriculum Design and Development - 3 hours

The study of principles and theory of curriculum design and procedures for developing curriculum in elementary and secondary education. Emphasis is on the role of the teacher in curriculum development in the local school. Review of literature relating to curriculum development and study of current school curriculum guides are an important part of the course.

EDU 5033. Learners and the Learning Process - 3 hours

The study of how students learn with emphasis on current theories of learning, the relationship between learning and development, the characteristics of learners and effective methods for measuring learning. The overarching purpose of the course is to enhance endeavors of teachers to improve student learning. Prerequisite: EDU 2113 or hold teaching certificate.

EDU 5043. Brain-Based Teaching and Learning for Special Needs Students - 3 hours

Examination of how to address the unique learning problems of students with special needs, with a focus on insights gained from research on the function of the human brain. Quality learning experiences will be designed based on knowledge acquisition and learning modalities of students. Strategies will be discussed/developed to create learning environments for special needs students.

EDU 5053. Philosophies of Education - 3 hours

This course provides an in-depth examination of major philosophies of education, and their relation to teaching practice, methods, curriculum, and educational administration. Philosophies examined include idealism, perennialism, pragmatism, existentialism, romanticism, hermeneutics and perspectivism.

EDU 5063. 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. Prerequisites: PSY 1013 or EDU 2113.

EDU 5073. Master's Capstone - 3 hours

An overarching course designed to have students synthesize, articulate and apply knowledge obtained from the four core courses as well as their electives. The capstone course for the Master of Science in Education degree will provide an avenue for students to demonstrate a direct link to the impact that their individual programs have in the preK-12 learning environment. Specifically, students will demonstrate through the use of classroom or school data the impact on student achievement. Comprehensive exams will also be taken as part of this course. The Master's Capstone course must be taken after all four of the core courses have been completed.

EDU 5083. Educational Research - 3 hours

Concepts of research design, methodology, sampling techniques, internal and external validity, the scientific method in educational problem solving, and statistical treatment. Included are assumptions underlying the use of statistical

tests, selection of appropriate statistical techniques, and the interpretation of the results of the analysis. Critical analysis and evaluation of published educational research studies and the writing of educational proposals are major components.

EDU 5093. Master's Project - 3 hours

The Master's Research Project consists of a field-based project centering upon a practical problem of special interest to the student. The student will identify the problem and develop a proposed plan, complete the project under supervision (usually in one's place of work), and develop a comprehensive report. The written report will be bound and placed in the Hutchens Library. Prerequisite: EDU 5083.

EDU 5103. Cooperative Learning - 3 hours

This course will provide basic information concerning the history, development, strategy, and forms of cooperative learning. Students will develop strategies that can be used in their respective disciplines.

EDU 5112. Teaching Writing - 2 hours

This course is designed to stress the teacher's role in the writing process and introduce writing activities that may be implemented in the classroom for different areas of the curriculum. A variety of instructional approaches to teaching middle school students to write will be addressed. The course will focus on writing as process and product. Preservice teachers will experience assessing students' writing. Prerequisites: EDU 2113, 2313 and Teacher Education requirements. Must be taken as part of the professional block semester unless permission is granted by the Director of Teacher Education or the Coordinator of Clinical Experiences for it to be taken in another semester. Offered only on the Bolivar campus during the fall semester.

EDU 5114. Teaching Reading/Language Arts I - 4 hours

Explores the rationale for and methods of integrating the teaching of the language arts (reading, writing, speaking, listening, viewing, and visually representing) in today's elementary classroom. Prerequisites: EDU 2113, 2313, 2343, 2353 and Teacher Education requirements. Offered only on the Bolivar campus during the fall and spring semesters.

EDU 5123. Teaching in the 21st Century - 3 hours

This course addresses possible approaches/solutions to critical issues facing educators in the future. Many subjects will be identified and discussed concerning issues facing teachers in the 21st century.

EDU 5124. Teaching Reading/Language Arts II - 4 hours

Emphasizes application of the principles of integrated language arts teaching throughout the curriculum. Preservice teachers will plan instruction and prepare materials to be used to foster developmental and functional reading strategies which enable students to use reading as a tool to learn. Preservice teachers will also assess and evaluate students with diverse needs. Prerequisites: EDU 5114. Offered only on the Bolivar campus during the fall and spring semesters.

EDU 5133. Developing Positive Attitudes & Motivation in Students - 3 hours

This course will examine topics and strategies to create a more positive classroom. All types of motivational strategies will be applied to the classroom teachers' perspective. Students will share viewpoints on topics such as humor in the classroom, student-centered learning, motivational techniques, and self-motivation.

EDU 5143. Integrating Art, Music and Physical Education into the Classroom B 3 hours

Designed to enable the student to integrate art, music and physical education into the classroom. Prerequisites: EDU 2113, 2313 and Teacher Education requirements. (See requirements listed at the beginning of the Education section.) Offered only on the Bolivar campus during the fall and spring semesters.

EDU 5162. Teaching Integrated Math - 2 hours

Study of methods of teaching math in the elementary/middle school and of integrating mathematics in other content areas, particularly science, in ways that are developmentally appropriate and are reflective of the NCTM standards. Prerequisites: EDU 2113, 2313, two (2) college level math courses above MAT 0123, two (2) science courses - one (1) in a biological science (BIO) with a lab and one (1) in a physical science - Chemistry (CHE), Earth Science or Introduction to Physical Science, etc. (PHS), or Physics (PHY) - with a lab and Teacher Education requirements. Offered only on the Bolivar campus during the fall and spring semesters.

EDU 5173. Learning Styles - 3 hours

This course is based on the recognition that there are distinct personality characteristics that are intrinsic to an individual's method of learning. Personalities are identified and a climate is created where communication is developed to bring about an increase in a student's sense of dignity, respect, worthiness, and esteem.

EDU 5182. Teaching Integrated Science - 2 hours

Study of methods of teaching and integrating science in the elementary/middle schools with a particular emphasis on process inquiry skills. Prerequisites: EDU 5162. Offered only on the Bolivar campus during the fall and spring semesters.

EDU 5183. Brain Based Teaching and Learning - 3 hours

Students will examine how the brain processes information/learns, including the role of emotions and the aspect of multiple intelligence. Quality learning experiences will be designed based on knowledge acquisition and learning modalities of students. Strategies will be discussed/developed to create learning environments that facilitate the construction of knowledge and retention of information.

EDU 5203. Curriculum Methods in Early Childhood Education - 3 hours

Exploration of the subject of early childhood programming with a focus on the importance of preparing materials and learning techniques to advance the physical, emotional, and cognitive development of young children. Emphasis is on adapting materials and methods to the needs of young children. Offered only on the Bolivar campus.

EDU 5213. Current Issues in Educational Technology - 3 hours

Instructional technology is at the center of many of both the opportunities and the controversies in education and training today. Using a problem-based learning instructional strategy, this course helps students examine many of the issues at the forefront of our field, from what instructional technology is through designing instruction to what students might find on the Internet. The set of issues is always shifting as the field grows and changes. The course is meant for those nearing the completion of their degree, not for beginners.

EDU 5223. Issues and Trends in Early Childhood Education - 3 hours

Current trends and issues in early childhood education with emphasis on the study of research and recent findings in the development, modification and implementation of programs for young children.

EDU 5233. Literature for the Young Child - 3 hours

Designed to acquaint the student with exemplary literature for the young child and to develop competency in the use of effective and sound methods for using books to enrich the lives of young children.

EDU 5243. Creative Writing in Secondary Classrooms - 3 hours

This course will focus on learning how to create and maintain an exciting and motivating environment for creative writing in the classroom.

EDU 5253. Educational Grant Writing - 3 hours

Individuals enrolled in this course will become familiar with grant writing procedures employed in the basic fill in the blank type grants as well as the procedures and formats utilized in the more complex grants.

EDU 5263. Literature Based Classrooms - 3 hours

This course will focus on the effective use of literature in all content areas throughout the curriculum. Special attention will be given to American literature as a tool to motivate students into research and critical thinking skills. This course is designed for teachers K-12. Balanced literacy, guided reading and literature circles will be a focus of this course.

EDU 5273. Teaching Reading Comprehension - 3 hours

Strategies for improving decoding and comprehension skills through individual leaning styles of students and teacher. Emphasis will be upon how to diagnose and remedy common reading deficiencies, how to assess level of performance and to utilize effective instructional strategies and how to determine students' learning styles in order to help them attain better comprehension.

EDU 5283. Teaching Students To Study Smarter, Not Harder - 3 hours

The course focuses on how to teach students to learn. Study skills will be taught that incorporate preferred learning styles, memory strategies, concentration and listening skills, note-taking, textbook mastery, test-taking, time management, and motivation strategies.

EDU 5293. Creating Lifetime Writers - 3 hours

This course will focus on learning how to create and maintain an exciting and motivating environment for creative writing in the classroom.

EDU 5313. Clinical Field Study - 3 hours

The completed field study will require the student to chair a committee designed to address one goal of their district/building strategic plan from development to completion. The study may be done in cooperation with a public or private school district or appropriate agency. In order to complete this task the student must (1) have a comprehensive review of the literature pertaining to this goal, (2) strategic plan included time line, budget, person(s) responsible, resources needed to achieve the goal, (3) a formal presentation to the board of education outlining the approach to achieving the desired outcomes, (4) formal presentation to the board of education summarizing the committees activities and accomplishments as they relate to the achievement of the district/building goal.

EDU 5323. Improving Instruction - 3 hours

The course will provide practical field-tested teaching strategies designed to impact the teaching and learning process at the classroom and building level. Students will be exposed to and apply current theory and practices designed to improve classroom instruction.

EDU 5333. Principles and Methods of Secondary School - 3 hours

Emphasis on the basic teaching methods, the teaching of critical thinking skills, analysis of various teaching models, analysis of learners and the learning process, and development of communication skills. EDU 5333 must be taken at SBU. A Field-Based Internship must be taken concurrently. Prerequisites: EDU 2113, 2313 and Teacher Education requirements. Offered only on the Bolivar campus during the fall and spring semesters.

EDU 5343. The Leadership Brain - How Classroom Teachers Lead Effectively - 3 hours

Students will examine how brain-compatible practices can sustain effective teaching and learning. Making use of the latest cognitive neuroscience insights about how the brain interacts with the learning environment will provide a basis for understanding: learning differences, brain-compatible curriculum and assessment, higher-order thinking, the nature of creativity, ethical and spiritual leadership, and the role of thinking habits on learning. The course will also address initiating and leading productive school change.

EDU 5353. Reading Miscue Analysis - 3 hours

The study of a procedure based upon whole language and psycholinguistic theory that enables the teacher to investigate and understand the reading of an individual reader, to develop an understanding of how readers transact with text to build comprehension, and to use this procedure as a base for constructing and implementing an individual developmental or remedial plan. Offered only on the Bolivar campus.

EDU 5373. Issues and Trends in Reading Instruction - 3 hours

An intensive analysis of reading problems from the standpoint of current development and remedial methodologies. Offered only on the Bolivar campus.

EDU 5383. Supervision of Instruction in Reading - 3 hours

The supervisory responsibilities and problems concerned with reading, including the building of reading programs appropriate for a school population and community, utilizing appropriate research in the operation of a quality reading program, using supervisory techniques appropriate to the task, and serving as a leader in the change process of a school reading program. Offered only on the Bolivar campus.

EDU 5413. Internet Applications for Teachers - 3 hours

An introduction to the variety of educational resources on the Internet and the essential skills of use of Internet e-mail, FTP, Telnet, and World Wide Web through Netscape. Basic computer skills are required. Students will print, save to disk, and create portfolios that can be used in their curriculum.

EDU 5423. Computer Applications in Education - 3 hours

Introduces the role of computers in education, including classroom instruction, administration, and counseling. Emphasizes computer-assisted instruction, computer-managed instructional techniques, and administrative uses. Includes practical experience in software development for educational applications. Lab fee \$15.

EDU 5433. Blogs, Podcasts, Wikis & Web Page Application for Teachers - 3 hours

This course is designed for educators who are interested in creating and maintaining blogs, podcasts, Wikis, and web pages to enhance internal and external communication and the teaching and learning process. Participants will learn how to create a podcast as well as how to create and maintain a Wiki, blog, and web page.

EDU 5463. Middle School Philosophy and Organization - 3 hours

A focus on the historical and philosophical foundations of the traditional junior high and subsequent middle school movement emphasizing a connection between practice and research. Prerequisites: EDU 2113 and 2313 and Teacher Education requirements.

EDU 5473. Psychology of the Middle School Student - 3 hours

This course offers a broad overview of the history of young adolescent psychology, its advocates, researchers, and its implications for middle level educational practices. Prerequisites: EDU 2113, 2313, 2463 and Teacher Education requirements.

EDU 5493. Middle School Curriculum - 3 hours

This course offers an in-depth study of curriculum development and instructional strategies targeting the young adolescent. As a result of this course, students will develop pedagogical practices that meet the vast physical, emotional, social, intellectual, and affective developmental needs of young adolescents. A Field-Based Internship must be taken concurrently. Prerequisites: EDU 2113, 2313, 2463 and Teacher Education requirements.

EDU 5503. Organization and Administration of Physical Education - 3 hours

Advanced organization and management of physical education and interscholastic athletic programs. Only offered on the Bolivar campus during the fall semester.

EDU 5512. Methods of Teaching Art, K-12 - 2 hours

Understanding motivation, materials and techniques in school art programs. Prerequisites: EDU 2113, 2313, and Teacher Education requirements. Offered only on the Bolivar campus during the fall semester.

EDU 5513. Methods of Teaching Mathematics in the Middle and Secondary Schools - 3 hours

Theory and application of current practices in teaching mathematics in middle and secondary schools. Prerequisites: EDU 2113, 2313, and Teacher Education requirements. Only offered on the Bolivar campus during the spring semester.

EDU 5522. Methods of Teaching Science in the Middle and Secondary Schools - 2 hours

Course will provide practical methods for the prospective teacher 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, and Teacher Education requirements. Only offered on the Bolivar campus during the fall semester.

EDU 5523. Methods of Teaching Business Subjects in the Secondary School - 3 hours

Designed to analyze instructional techniques and procedures utilized in teaching business subjects. Special attention given to objectives, subject matter content, instructional materials, class activities and methods of evaluating in typewriting, accounting, shorthand, office practice, and general business. Prerequisites: EDU 2113, 2313, and Teacher Education requirements. Only offered on the Bolivar campus on sufficient demand.

EDU 5533. Methods of Teaching Health and Physical Education, 5-12 - 3 hours

Teaching methods, selection of activities, program planning, emphasis on development of a progressive curriculum (restricted to health and physical education majors and minors). Prerequisites: EDU 2113, 2313, and Teacher Education requirements. Only offered on the Bolivar campus during the fall semester.

EDU 5542. Methods of Teaching Social Studies in the Middle and Secondary Schools - 2 hours

Exploration of basic concepts within each of the social sciences and possible teaching methods. Prerequisites: EDU 2113, 2313, and Teacher Education requirements. Only offered on the Bolivar campus during the spring semester.

EDU 5543. Methods of Teaching Writing in the Secondary School - 3 hours

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, 2313, and Teacher Education requirements. Only offered on the Bolivar campus during the spring semester.

EDU 5552. Methods of Teaching Speech in the Middle and Secondary Schools - 2 hours

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 forensics and dramatic activities. Prerequisites: EDU 2113, 2313, and Teacher Education requirements. Only offered on the Bolivar campus on sufficient demand.

EDU 5553. Measurement and Evaluation in Physical Education - 3 hours

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.

EDU 5562. Methods of Teaching Instrumental Music in the Middle and Secondary Schools - 2 hours

Study of philosophy of music education, administrative and teaching techniques, and materials for teaching instrumental music in the middle and secondary schools. Music majors and minors only. Prerequisites: EDU 2113, 2313, MUS 1621, MUS 1623, and Teacher Education requirements. Only offered on the Bolivar campus during the fall semester (even years).

EDU 5563. Methods of Teaching Foreign Language - 3 hours

Study of methods of teaching modern languages in public school. Prerequisites: EDU 2113, 2313 and Teacher Education requirements. Only offered on the Bolivar campus on sufficient demand.

EDU 5573. Methods of Teaching Vocal Music in the Middle and Secondary Schools - 3 hours

Study of philosophy of music education, administrative and teaching techniques, and materials for teaching vocal music in middle and secondary schools. Music majors and minors only. Prerequisites: EDU 2113, 2313, MUS 1621, MUS 1623, and Teacher Education requirements. Only offered on the Bolivar campus during the fall semester (odd years).

EDU 5583. Character Education - 3 hours

This course will provide a knowledge and background of Character Education. We will explore the development of good. Character building skills, such as respect, responsibility, and work ethic will be addressed. Students will discuss methods of initiating a Character Education program into a school system as well as incorporating character skills into curriculum.

EDU 5593. Spiritual Issues in Public Schools - 3 hours

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 5603. Issues and Trends in Education - 3 hours

This class is focused on developments, trends and issues in education with emphasis on relating current research to contemporary educational practice. Legal issues will be addressed.

EDU 5613. Teaching Reading in the Content Areas - 3 hours

Designed to assist middle school/junior high and/or secondary teachers in the use of functional reading strategies which enable students to use reading as a tool to learn in various content areas. Prerequisites: EDU 2113, 2313 and Teacher Education requirements. Only offered on the Bolivar campus during the fall and spring semesters.

EDU 5623. Working With At-Risk Students - 3 hours

This course examines why significant numbers of students fail to achieve their academic potential. Principles of effective thinking skills programs are examined.

EDU 5643. Sport and Physical Education in American Society - 3 hours

A study of the place of sports and physical activity in American society. Principles, historical events and current status of sports and physical activity will be studied.

EDU 5653. Counseling for the Classroom Teacher - 3 hours

This course will emphasize the application of counseling, guidance, and counseling psychology principles in the classroom. Teachers will improve upon their skill for dealing with students' academic, personal, and social problems.

EDU 5663. Child Abuse and Neglect - 3 hours

This course is designed to acquaint the student with child abuse and neglect, causes, treatment and prevention.

EDU 5673. Teaching Critical Thinking Skills - 3 hours

In this course students will learn to think about their thinking and understand the ways people think. Students will define critical thinking, select suitable thinking outcomes for their lessons and remodel lesson plans to help their own students engage in higher order thinking.

EDU 5683. Effective Inclusion Practices - 3 hours

Students will investigate the Individuals With Disabilities Education Act and its implications for teachers. Special placement, the continuum of service models, and the areas of exceptionality will be defined. Modifications required in the regular classroom for implementation of IEP's will be explored.

EDU 5693. Understanding Human Addictions - 3 hours

The intent of this course is to enable educators to further their understanding of the issues involving drugs, to further develop a personal philosophy regarding drug issues based on this knowledge and to help the educator utilize this knowledge and philosophy into their daily teaching.

EDU 5703. Physiology of Exercise - 3 hours

A study of the effects of exercise on the organs and systems of the body; special emphasis on the cardio-respiratory system. Course fee \$12.

EDU 5713. Current Problems in Physical Education - 3 hours

Recognizing, classifying, and reporting problems in physical education. Studying techniques and methods of solving problems. Current issues and problems in the field of physical education are studied. Only offered on the Bolivar campus.

EDU 5733. Adolescent Development - 3 hours

A study of the development processes of the adolescent, beginning at puberty and continuing through the late adolescence.

EDU 5753. Web Tools, Design and Applications - 3 hours

This course focuses on the role of web tools in education, including classroom instruction, administration, and communication. Emphasis is placed on computerized instruction and computer-managed instructional techniques including Web Design. Content includes practical experience in software development for educational applications.

EDU 5763, The Leadership Brain-How Classroom Teachers Lead Effectively – 3 hours

Students will examine how brain compatible practices can sustain effective teaching and learning. Making use of the latest cognitive neuroscience insights about how the brain interacts with the learning environment will provide a basis for understanding: learning differences, brain compatible curriculum and assessment, higher-order thinking, the nature of creativity, ethical and spiritual leadership, and the role of thinking habits on learning. The course will also address initiating and leading productive school change.

EDU 5773, Leadership Styles in the Media – 3 hours

Designed to have students observe and analyze a variety of leadership styles as presented in visual and print media. Students will apply this knowledge to better understand their personal leadership style as well as the style(s) of those they work with. Through this analysis students will better understand how the style of leadership impacts change, motivation and followership.

EDU 5783: Developing Mathematical Understanding – 3 hours

Designed for classroom k-12 teachers to develop a better understanding of how students learn math. This knowledge will be acquired through the development and application of classroom activities. Students will leave with hands on application of course concepts.

EDU 5793, Delinquent Behaviors K-12 – 3 hours

An extensive view of delinquent behaviors from the teacher/counselor viewpoint. Identification skills and prevention methods will be discussed.

EDU 5803, Essentials in Writing – 3 hours

Twelve writing essentials for grades K-12 will be explored in this course. Educators will become more knowledgeable about how to teach writing by building on best practices and effective writing strategies.

EDU 5823. Integrating Technology Into the Classroom - 3 hours

The course focuses on knowledge and skills which: (1) make a person computer literate, (2) enable one to use computers in a variety of personal applications, (3) equip a person to use computers in teaching and learning, and (4) enable one to make effective use of a wide variety of media and technological systems in teaching. Prerequisites: CIS 1103, EDU 2113, 2313 and Teacher Education requirements. Designed for MS Certification Students only. Lab fee \$20.

EDU 5832. Assessment and Evaluation of Learners - 2 hours

Study of history of measurement, statistical terms and processes used in education, principles of constructing teacher-made tests, and examination of various testing programs for public school systems. Prerequisites: EDU 2113, 2313 and Teacher Education requirements. Must be taken as part of the professional block semester unless permission is granted by the Director of Teacher Education or the Coordinator of Clinical Experiences for it to be taken in another semester. Only offered on the Bolivar campus during the fall and spring semesters.

EDU 5833. Behavior and Classroom Management - 3 hours

Designed to introduce the student to procedures for managing the classroom, including organization, administration, and communication. Methods of discipline and behavior management are explored for various levels of teaching, and with individuals and small and large groups under varying conditions. The development of knowledge and attitudes that will enhance teachers' ability to develop pupil self-esteem and confidence are addressed. One section offered for elementary teachers during the spring semester, and one section offered for middle school/junior high and/or secondary teachers during the fall and spring semesters. Prerequisites: EDU 2113, 2313 and Teacher Education requirements. Only offered on the Bolivar campus during the fall and spring semesters.

EDU 5842. Teaching Diverse Learners - 2 hours

Mentally, emotionally, and physically exceptional children are studied. Diagnosis and methods of teaching gifted, mentally retarded, visual and sound-impaired, learning disabled, physically handicapped children, and children with

communication and behavior problems are included. Prerequisites: EDU 2113, 2313 and Teacher Education requirements. Must be taken as part of the professional block semester unless permission is granted by the Director of Teacher Education or the Coordinator of Clinical Experiences for it to be taken in another semester. Only offered on the Bolivar campus during the fall and spring semesters.

EDU 5853. Classroom Management - 3 hours

A study of methods of discipline and behavior management in the classroom and of procedures for managing the classroom, including organization, administration, scheduling, record keeping and communication with administration and parents. Various models and systems are explored. Students will focus on aspects of classroom discipline and behavior management unique to their level of preparation.

EDU 5863. Schools By Design - 3 hours

This course offers a broad overview of the ideas, programs, strategies, research and results for school improvement. The course has two major themes: (1) building community relations for school change and (2) creating schools designed around the best practices.

EDU 5873. Integrating Technology into K-12 Classrooms - 3 hours

This survey course will introduce experienced educators to educational technology. Topics covered in this course will be areas that impact or have the potential to impact educators in the classroom. Special emphasis will be on constructing relevant and appropriate instructional environments.

EDU 5883. The School & Community Relations - 3 hours

This class will look at various media and at research leading to effective and responsive communications to meet the needs of the public. Participants will formulate, develop and implement a procedure for positive school and community relations in public education.

EDU 5893. School Law for Teachers - 3 hours

The study of Missouri and federal statutes, legal opinions and court decisions as applied to education is the focus of this course. Topics such as non-renewal and dismissal of teachers and collective bargaining will be discussed.

EDU 5903. Professional Learning Communities - 3 hours

Creating enthusiasm within families and communities is central to this course. Students will investigate a variety of strategies to support student success through building relationships with families and utilizing community resources.

EDU 5911-3. Workshop - 1-3 hours

Workshops focusing on practical classroom application of the subject addressed are offered in areas of major interest and need by students. Some of the workshops that have been offered are: Basic DOS and Windows in the Classroom; Classroom Learning Centers; Computer Graphics for the Classroom; Cooperative Learning; Creative Writing; Displays for Learning; Internet in the School; Using Hypercard, CD-ROM and Interactive Video; Using TV in Teaching; Whole Language; Working with the At-Risk Student; Working with the Aggressive Student.

EDU 593(1-3). Readings - 1-3 hours

Readings may be developed in reference to an area of major interest and need of an individual student. The required reading and reporting are specified in writing with signatures of the student and instructor indicating agreement.

EDU 595(1-3). Special Topics - 1-3 hours

A special topic may be offered which focuses upon a subject of major interest and need by a group of students. Topic courses usually focus upon areas not covered by regular courses in the graduate curriculum. Among topics that have been offered are: Addressing the Needs of the Mainstreamed Child; Behavior Modification in the Classroom; Counseling for the Classroom Teacher; Instructional Improvement in the Secondary School; Movement Education; Parent Education; Teaching through Educational Tours.

EDU 596(1-3). Physical Education Seminar - 1-3 hours

A seminar may be offered relative to a subject of major interest and need by a group of students. Seminars usually focus at advanced levels on specific subjects not covered in depth in the regular graduate curriculum. Among seminars that have been offered are: Issues and Trends in Education; Seminar in Educational Change; Seminar in Middle School Education.

EDU 597(1-3). Symposium - 1-3 hours

Symposium credit may be earned by special approval of the advisor, the graduate faculty member who is to supervise the experience and the Office of Graduate Studies. Symposium credit is usually associated with participation to a significant degree in a professional development conference, workshop, or similar program sponsored by an organization not associated with the University.

EDU 598(1-3). Internship/Practicum - 1-3 hours

Planned and supervised work experience related to the student's graduate study, usually in an elementary or secondary school setting. Internships and practicums may be taken only with advanced planning and approvals involving the supervising graduate faculty member, the department in which the credit is earned, and the Office of Graduate Studies. No more than four hours of credit from internships and practicums may normally be applied toward completion of the master's degree.

EDU 599(1-3). Independent Study - 1-3 hours

Directed study by an individual student of an area not covered in the regular graduate curriculum. Independent study may be taken only by advance approval of the supervising graduate faculty member, the department chair, and the Office of Graduate Studies.

EDU 6063. Incorporating Differentiated Instruction into the Classroom – 3 hours

This class will provide teachers with strategies to successfully differentiate instructions by differentiating the content, process, product or making accommodations. Teachers will use curriculum materials to create lessons using a variety of differentiation strategies to help all students achieve the curricular goals. Strategies will include tiered assignments, acceleration and deceleration, and flexible grouping from a K-12 perspective in reading, math, science, social students and specials.

EDU 6073. Instructional Strategies That Work – 3 hours

Based on the works of Robert Marzano, This course is designed to give students and insightful look at teaching strategies that have been proven successful. Students will be exposed to and apply current theory and practices designed to improve classroom instruction.

EDU 6083. Bullying – 3 hours

Recognizing, identifying, and dealing with bullying in public schools is critical to a safe learning environment. This course will help provide the skills needed to deal with bully situations in the classroom, on the playground, and before/after school hours. Teachers are one of the critical elements in stopping this behavior that can lead to violent situations.

EDU 6093. K-12 Mental Health Issues – 3 hours

This course explores the biological, emotional, and physiological components of predominant mental health issues affecting school age students. Common characteristics of mental health issues and prevalent concomitant factors will be identified. Classroom management and practical application strategies to address student needs will be presented.

EDU 6103. Teaching Strategies That Go Beyond Surface Learning – 3 hours

This course will focus on the effective use of Webb's Depth of Knowledge (DOK) model. Special Attention will be given to align assessment and instruction through lesson planning using the DOK model. Educators will leave with a greater understanding of the DOK model as it relates to Bloom's Taxonomy.

EDU 6113. Sixty Strategies to Improve Test Scores – 3 hours

Learn multiple strategies that can be used every day in any classroom that will help teachers improve scores in all high stakes testing.

EDU 6123. What Great Teachers Do – 3 hours

Based on the work of Todd Whitaker this course will examine beliefs, behaviors, and attitudes that make great teachers. Practical ideas will be presented to help teachers increase student performance and make a greater impact in their schools. In addition to the course text, supplemental resources will reinforce the learning and provide both a practical and scholarly perspective.

EDU 6133. SMART boards and Technology in the Classroom – 3 hours

This class is an introduction on using a SMART board. Participants will create lessons using SMART Notebook 10 and the interactive tools featured on a SMART board. Participants will also create a wiki that can be used as a classroom website that will host the SMART Notebook lessons. Wikis also allow teachers to easily add student websites, upload files for use in the classroom and imbed videos. Technology knowledge for this class is basic.

EDU 6143. Dealing with Difficult Students – 3 hours

This course will examine practical strategies for dealing with challenging students in the classroom. Educators will learn how to develop healthy relationships with all students, how to eliminate or minimize problem behaviors, and how to respond to any situation that may occur in the classroom.

EDU 6153. Teaching Children of Poverty – 3 hours

This course will provide an extensive review of poverty in American and the ramifications it has on public schools. Topics will range from academic achievement to delinquent behaviors.

EDU 6163. Habits of the Heart for Teachers – 3 hours

The Habits of the Heart, Nurturing Attitude, Responsibility, Dependability, Friendship, Brotherhood, High Expectations, Courage, and Hope are the building blocks toward a tradition of excellence. In an environment built around these habits, students can become the best and brightest people their skills and talents permit.

EDU 6173. Brain Based Teaching and Learning for Special Needs Students – 3 hours

Examination of how to address the unique learning problems of students with special needs, with a focus on insights gained from research on the function of the human brain. Quality learning experiences will be designed based on knowledge acquisition and learning modalities of students. Strategies will be discussed/developed to create learning environments for special needs students.

EDU 6183. Introduction to RtI – 3 hours

Response to Intervention (RtI) is a system for identification and remediation of learning deficits; specifically in reading, writing, math and behavior. This course will introduce multi-tiered intervention strategies with hands-on

EDU 6193. Developing Student Capabilities – 3 hours

This course will examine the perceptions and skills necessary for students to become successful in the classroom as well as in life. Through the process of this course, it will become evident that the development of these skills and perceptions is critical to the development of capable people.

EDU 6203. Servant Leadership Strategies for Teachers – 3 hours

Designed for all teachers who are committed to their students' learning and to their own personal development. Developing the servant leader approach is necessary for an educational community to energize students and improve achievement.

EDU 6253. Planning for Literacy Instruction – 3 hours

Elementary educators will explore current instructional practices for reading instruction in this book study of Diller's text, *Making the Most of Small Groups*. Practical tips, sample lessons, and templates will be provided along with an opportunity to develop literacy materials for classroom use.

EDU 6223. Using Mentor Texts to Guide Literacy Instruction – 3 hours

Educators will have an opportunity to examine strategic instruction that will strengthen students' reading and writing abilities while fostering enjoyment of children's literature. K-8 educators will leave the course with a resource guide of annotated bibliographies and lesson materials to put into immediate use.

EDU 6233. Crafting Writers Through Literature – 3 hours

This course is designed to provide clear insight into recognizing and teaching qualities of good writing through children's literature. Educators will explore how students can become enthusiastic, confident writers using literature as the foundation in all writing modes.

EDU 6243. Essentials in Reading – 3 hours

Reading essentials for grades K-12 will be explored in this course. Teachers will become more knowledgeable about teaching reading by building on best practices and effective strategies.

EDUCATIONAL ADMINISTRATION**EAD 6001. Introduction to Technology for School Administrators - 1 hour**

Introduction to technology is an online course designed to introduce prospective administrators to the technology standards for school administrators, review the process for developing a building level technology plan and review sources of funding for technology. Additionally students will be introduced to the portfolio component of Bb so they may begin the process of developing their online administrative portfolio.

EAD 6002. Foundations of Educational Administration - 2 hours

Designed to provide an overview of the essential elements of organizations and management theory for the student entering the program. Administration history, basic theories, and major areas of responsibility in school administration will be discussed.

EAD 6014. School Administration - 4 hours

Designed as a course in building level K-12 administration to prepare prospective school administrators in the areas of instructional leadership, decision-making and problem solving. School improvement, building management and basic personnel and program management are also part of this course.

EAD 6024. School Curriculum - 4 hours

Designed to provide K-12 administrators principles and theory of curriculum design and procedures for developing curriculum in the K-12 setting. Emphasis is placed on the role of the teacher and the administrator in curriculum development and evaluation.

EAD 6053. School Supervision - 3 hours

This course will focus on the problems, processes and techniques in the evaluation, supervision and improvement of instructional programs. Focus will be placed upon leadership roles necessary for creating a supportive climate for change.

EAD 6062/6072. Internship - 2 hours (each)

Practical experience intended to augment classroom instruction under the supervision of a practicing administrator and a university supervisor. Foundations of Educational Administration (EAD 6002), School Supervision (EAD 6053), School Administration (EAD 6014), School Curriculum (EAD 6024) and admission to the program are prerequisites for the internship. Internship Fee: \$50.

EAD 6083. Essentials in School Law, Finance and Buildings - 3 hours

This course is designed to prepare future building level administrators by studying laws and current legislation affecting public and private schools. It will also view school revenue sources, expenditure practices and management responsibilities as they relate to the building budget. Finally students will examine problems in building planning and plant utilization.

EAD 6093. Administration of Special Programs - 3 hours

Designed to prepare principals for their responsibilities related to the supervision of special education programs. The legal basis for special education, legal concern, the budget, management and supervision will be emphasized. Material Fee: not to exceed \$15.

EAD 6113. Administrative Communication, Innovation and Management - 3 hours

Intensive examination of the school and its environment. Emphasis is placed on interacting with internal and external publics.

EAD 6132. Educational Administration Capstone Experience - 2 hours

Students will have the opportunity to summarize and synthesize knowledge and skills they have acquired in solving hypothetical problems they will face as a building level administrator. A major focus is to prepare students for the Assessment Center requirement mandated by DESE for initial certification as a principal. Capstone must be taken the last semester of the program, mandated by DESE for initial certification as a principal.

EAD 6143. Educational Organizations, Leadership and Change - 3 hours

Designed to help students develop a diverse set of perspectives for analyzing organizations and for taking effective leadership in them. The focus of the course will be to understand how organizations work and what to do to make them better through organizational change, to allow students to look at their own ideas of leadership and to assess themselves on the skills they will need to be effective leaders, and to respond to emerging challenges in today's schools.

EDUCATIONAL SPECIALIST**EAD 7000. Continuous Enrollment**

As needed to complete the field study. Students will be charged for one credit hour at the specialist rate each semester the research paper is not completed. Students not enrolled in any specialist course work will not be charged the one credit hour. No credit is given for EAD 7000. Course fee \$215.

EAD 7002. Educational Technology - 2 hours

Hands on application of technology used in day-to-day functions of the superintendent as well as tools used for research in the field of education.

EAD 7003. School District Administration - 3 hours

Prepare prospective superintendents in the areas of instructional leadership, decision-making, problem solving and the change process at the district level. School improvement, district management, and personnel and program management will be included in this course.

EAD 7013. Personnel Administration - 3 hours

Processes and procedures required in implementing policies and practices of effective school personnel administration including instructional and non-instructional personnel.

EAD 7023. Advanced School Finance - 3 hours

The study of school budgeting procedures, revenue and expenditure accounting, problems related to local, state, and federal financing of public school operations.

EAD 7033. School Planning & Maintenance - 3 hours

The development of a master plan and educational specifications for a school facility. Attention will be given to site and building evaluations, bond issues, remodeling, energy conservation, contractor and architectural responsibilities, equipping and maintaining plants and barrier-free facilities.

EAD 7043. Research and Statistics - 3 hours

A study of current research techniques and related statistical application. The course will be taken in conjunction with or prior to the initiation of the field study in educational administration.

EAD 7053. Advanced School Law - 3 hours

Constitutional, statutory and case law that relates to all staff personnel, students, school district and board members' legal rights and responsibilities.

EAD 7063. Field Study - 3 hours

The completion of a field project in the form of a specialist research paper. The study may be done in cooperation with a public school district or appropriate agency. Requires formal investigation and survey of a recognized problem with a selected institution. The nature of the investigation may also be an in-depth independent research relevant to current practice in the field of education. An advisory committee made up of full-time college instructors must approve the subject for research. An oral review of the project must be presented. A course fee is determined based on cost of binding the specialist paper.

EAD 7072/7082. Internship in Superintendency - 2 hours (each)

Field experience in the superintendency.

EAD 7093. Politics in Education - 3 hours

Origins, nature and impact of political forces surrounding and influencing schools. The course will also include the increasingly complex political web of American education as well as the debate of local control versus the expanding role of state and federal government. Education and the social order will be analyzed from the perspective of school politics, demands made in the school community and the intervening variables associated with school issues.

EAD 7123. The Superintendency - 3 hours

Taken in conjunction with the internship, students will analyze and discuss topics related to current problems of school district management involving decision making, data processing, operations, research, work and wages, unions and management, state and federal control and purchasing.

EAD 7132. Capstone - 2 hours

Designed to bring all aspects of the superintendency together through summary and synthesis of the knowledge and skills acquired throughout the program. Students will develop a personal growth plan for continuing their professional endeavors. Focus will be placed on the preparation for the national assessment for superintendents.

DOCTORATE OF EDUCATION**EAD 8001, Symposium Planning and Development – 1 hour**

EAD 8003, Leadership and the Law – 3 hours

This course examines key legal issues that govern daily and long-range decisions of educational leaders. The course focuses on understanding Missouri and federal codes, case law, policies, and significant precedent. The course emphasizes analysis of key legal concepts and application of law to major areas including finance, personnel, risk management, curriculum, student services, teacher rights, torts, student rights, sunshine law, technology, contract law and real estate law and facilities. Students will examine practical application to positively influence educational institutions is the goal of the course. A student will not have an encyclopedic knowledge of education law. Students who fully participate should gain the ability to use the law – constitutional language, statutes and legislative history, regulations, policies of local governing boards, adopted handbooks of policies and procedures – as a tool for effective and transformational leadership in their area of educational expertise.

EAD 8011, Educational Symposium – 1 hour

This course is designed as an interactive experience in collaboration with successful administrators and state officials focusing on current research and practices relate to high performing schools. Small and large group sessions will be designed and offered on current educational topics. Students will design the agenda and secure guest speakers for a day-long seminar. The focus of this session will be on how to become and maintain a high performing school in today's educational, political and social climate. The initial course, Symposium Planning and Development, will require students to plan the symposium. The symposium developed by the cohort will be the performance expectation for this course. The implementation of the symposium developed in the Education Symposium Planning and Development course. Students will interact with successful administrators and state officials with the purpose of learning how to become and maintain a high performing school in today's educational, political and social climate.

EAD 8013, Leadership in Learning – 3 hours

This course is designed for students to develop knowledge and skills necessary for leading an effective learning organization. Course work will focus on latest research and trends in instructional practice and effective district-level tools for assessing the effective implementation of these practices. Students will review and use various district-wide data collection tools and learn various approaches to data analysis. Students will synthesize latest research related to professional development practices and value the connection of performance data in creating a district-level Professional Development Plan.

EAD 8023, Educational Advocacy – 3 hours

This course will introduce students to theory related to collaborative leadership, conflict resolution and communication responsibilities and the application of those concepts to educational advocacy. Designed to empower the educational leader to be an advocate, motivator, facilitator and negotiator when working with various groups including local, state and federal officials, outside agencies, media venues, and boards of education on behalf of school children. Participants will be introduced to various concepts related to developing effective communication strategies and a focus will be given to identifying successful engagement and collaboration techniques. Students will review methods for engaging community support for program initiatives and tax referendums. They will also explore methods for building positive relationships with the media and governmental officials. Students will further explore effective methods for impacting public policy and the impact of such policy on local school districts. Students will gain an understanding in how public policies are influenced by many stakeholders. The course will emphasize effective professional communication, including written texts, speeches and social networking through the use of technology.

EAD 8033, Advanced Research - 3 hours

The course is designed to assist students in the development of the directed research pre-proposal and proposal. As part of the course students will investigate what sound research design is and how design influences the validity and credibility of the research and its findings. Students will also review and apply ethical practices of conducting research. Students will receive a possible proposal design framework and on-going assistance in developing their directed research proposal. Students should not expect to have a completed detailed directed research proposal by the end of the course.

EAD 8043, Advanced Statistics and Instrument Design 3 hours

The focus of this course is on the development and evaluation of measurement instruments, with consideration given to the analysis of measurement data. The fundamentals of measurement will be addressed, including but not limited to: scales, scores, reliability, and validity, development of tests, scale construction and item analysis. Special consideration will be given to using standardized measures in decision making.

EAD 8053, Ethics in Personal & Professional Life – 3 hours

The course seeks to challenge leaders to develop and maintain ethical behavior in their personal and professional life. Students will examine the practice of ethical decision making as it applies to real life authentic scenarios. A focal point of this course will be the analysis and application of how servant leadership traits exemplified by Jesus Christ are still relevant in today's personal and professional settings.

EAD 8073, Directed Research - 3 hours

This course involves extensive inquiry related to the development of a research proposal on a current, relevant topic in the field of education. A proposal is an agreement between the student and the student's Directed Research Committee. Therefore, the proposal should be as specific and clearly written as possible to avoid misunderstandings between the candidate, the advisor and the Directed Research Committee. Like a pre-proposal there is no specific requirement on the number of pages or references for a proposal. The proposal and directed research will involve

extensive, on-going research/writing by the candidate on a research project or topic of inquiry with advising from a faculty member. The proposal should follow the prescribed format of the final directed research paper. The proposal should be the first three chapters of a directed research paper. Students should rely on advisor's guidance for the length, level of detail, and organization of the proposal and directed research. Proposals and directed research should be organized to research the topic effectively and present the findings in an understandable manner.

INSTRUCTIONAL TECHNOLOGY LEADERSHIP

ITL 5093. Field-Based Research in Instructional Technology - 3 hours

In Field-Based Research in Instructional Technology the student will carry out a formal research study in Instructional Technology and prepare a written report and oral report. Prerequisites: EDU 5083.

ITL 5613. The Instructional Role of Educational Media and Technology - 3 hours

Introduction to the skills of teaching as they relate to the role and use of educational media and technology. Students will learn how to design, develop, and evaluate an appropriate unit of instruction; develop and conduct a needs assessment; identify learning objectives; analyze learner characteristics; employ instructional strategies; and conduct evaluations.

ITL 5623. Multimedia Tools and Applications - 3 hours

Multimedia Tools and Applications cover issues in the design and development of interactive multimedia instructional lessons. Course covers the tools required for the creation of interactive multimedia, and is organized around individual student projects.

ITL 5633. Instructional Material Design and Application - 3 hours

Evaluation and design of computer-based instructional materials. Hands-on experiences with the design of computer-based lessons. Instructional Material Design provides an opportunity for a student to develop a deeper understanding of the intent and design of computer-based instruction.

ITL 5643. Advanced Hardware and Software - 3 hours

Investigates hardware and software issues that arise in the development and delivery of instruction. Topics include hardware and software troubleshooting, security, networks, and distance education and communication systems.

ITL 5723. Advanced Media Management and Supervision - 3 hours

Advanced Media Management and Supervision is the study of management and supervisory techniques and their application to the instructional media program. Includes management by objectives, staff development, and processes for change through the supervisory role of the media specialist.

ITL 5733. Leadership in School District Technology - 3 hours

This course provides an administrative perspective on instructional technology. It surveys methods of using technology to improve administrative functions, funding sources for educational technology, knowledge and sensitivity of cultural

pluralism as it impacts technological considerations and legal ethical issues surrounding educational technology.

ITL 5813. Technology Planning and Budgeting - 3 hours

Designed to have students create a strategic technology plan that provides direction as well as informs various publics how technology may be used within a school or institution. Frameworks that set priorities for how to invest resources in technology aligned with institutional goals will also be discussed.

ITL 5923. Online Teaching in the K-12 Environment - 3 hours

With the realm of education constantly changing directions, online teaching has emerged on the horizon not only in college, but in high school, middle school, and even grade school levels. Students will learn how to recognize and discuss methods of engagement for students in the online world, compare and contrast advantages/disadvantages for online students, facilitate an interview regarding the online education opportunity, develop a school proposal for online classes at their school, examine the road online learning/interaction is taking, and design a lesson around media for an online class. Students will need a general understanding of the online environment in order to keep up with and successfully navigate the course.

College of Science and Mathematics

Doctor of Physical Therapy

Director and Department Chair: Steven G. Lesh

Office: Davis 100 - (417) 328-1672

Faculty: Cathy Beck, Kelly Coleman, Terry Cox, Amber Flear, Herb Hamann, Dorothy Hash, Josh Layman, Connie Matheny, Beverly McNeal, Tom Sneed

<http://www.sbuniv.edu/pt>

Calendar

Fall 2012

August

16-17.... Reg./Orientation-first-year DPT students

20..... Classes begin

September

3..... Labor Day-No Classes

October

1..... Applications accepted for entry-level DPT

November

17-25..... Thanksgiving Break

December

11-14..... Final examinations

15..... Christmas Break begin

Spring 2013

January

3..... DPT Classes start-Jan term

23..... DPT Classes start-Spring term

March

16-24..... Spring Break

April

1..... DPT 1, 2 & 3 Portfolios Due

1..... High School Early Acceptance applications
due for high school graduating class of

2013

May

13-17. Final examinations/Clin. Educ. Debriefing

28..... Summer classes begin (tentative)

“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

Entry-Level DPT Program History and Accreditation Status

The entry-level Doctor of Physical Therapy program at Southwest Baptist University prepares students for careers in physical therapy through the development of knowledge and skills needed for patient management, education, consultation, and clinical research. The entry-level program at Southwest Baptist University is accredited by the Commission on Accreditation in Physical Therapy Education of the American Physical Therapy Association, 1111 North Fairfax Street, Alexandria, VA 22314, www.captionline.org, accreditation@apta.org, (703) 706-3245. The entry-level DPT is also accredited by the Higher Learning Commission of the North Central Association of Colleges and Schools, 30 North LaSalle Street, Suite 2400, Chicago, Illinois 60602-2504, www.ncahigherlearningcommission.org, (312) 263-0456 or (800) 621-7440.

Program Mission Statement *(rev. 11.17.04)*

Our Healing Mission: The physical therapy department at Southwest Baptist University is dedicated to providing society with physical therapists who engage in the art and science of physical therapy with a Christian worldview. The graduate will be a clinician generalist who is prepared to provide physical therapy services for a diverse population in an evolving society and health care environment.

Program Goals *(est. 11.17.04)*

A SBU Doctor of Physical Therapy graduate will be able to:

- 1) Integrate the Christian worldview into the practice of physical therapy.

- 2) Engage in the professional practice expectations on a diverse patient and client population throughout the lifespan.
- 3) Educate and communicate with appropriate stakeholders in the health care environment.
- 4) Serve the profession and society to promote and improve evolving health care delivery.
- 5) Reflectively practice the art and science of physical therapy by critically evaluating, integrating, and contributing to the expanding professional knowledge base.
- 6) Formulate a plan for life-long learning coupled with professional, personal, and spiritual growth.

Assessment

Periodic measurements of student perceptions, intellectual growth, clinical performance, and professional behaviors development 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 and develop student competencies and to determine and improve the quality of the educational experience for students. Students are required to compile and maintain a formal learning portfolio by which the student demonstrates progress towards and achievement of the established program goals by the end of the final year of the curriculum.

Admission to the Physical Therapy Program

Physical Therapy Requirements

The following requirements must be met by an applicant before being admitted unconditionally to the physical therapy program:

1. Completion of a Baccalaureate degree.
2. Completion of all prerequisite courses with a minimum of a C and a 3.00 GPA in prerequisite courses. Prerequisite courses should not be taken P/F.
3. Earn a minimum of 2.75 overall grade point average (for all previous course work or highest degree attained), OR a 3.00 overall grade point average (for last 60 hours of course work).
4. Completion of the PT application packet.
5. Documented experience/observation in physical therapy. Up to 40 hours will be counted. Variety of experience is recommended.
6. Completion of the Graduate Record Exam.

Applications not meeting the minimum GPA (either prerequisite or overall or both) will be scored and ranked for an alternate pool to be considered for conditional enrollment after all unconditional applications have been exhausted on a space available basis. Individuals requesting conditional enrollment are encouraged to meet with a physical therapy advisor and/or graduate admissions coordinator prior to application.

International Students

Official records of all higher education, including certificates or degrees with the dates the degrees were conferred must be submitted. All records not in English must be accompanied by an official translated record. All records should show the individual subjects studied and the grades received in each subject. International applicants are required to submit proof of adequate finances for the entire period of study before admission can be granted. Eligible applicants whose native language is not English must take the Test of English as a Foreign Language (TOEFL) and attain a score of at least 550.

Transfer Students

Students with previous course credit in a professional phase of a CAPTE accredited PT program will be considered for academic transfer into the professional phase of the SBU entry-level DPT program if:

1. the student completes and submits a current application,
2. the application meets established minimum application standards for unconditional enrollment (as if they were enrolling for the first year of the program),

and the new student will be subject to the following conditions or standards:

3. No prior PT school earned grades of less than a "B-" will be accepted for transfer credit.
4. The student will automatically be placed on normal "conditional" enrollment.
5. A maximum of 1 full year of academic credit may be transferred depending on the ability to match historic courses to pending courses in the normal SBU sequence (i.e. the student must successfully complete the second and third year of the normal DPT sequence).
6. All considerations are on a space available basis and by taking a transfer student, it is in the opinion of the faculty, that SBU academic standards are not compromised.
7. Potential transfer student may be required to provide extra or special documentation or interviews as deemed necessary by faculty in order to fully consider the application request.

Prerequisite Courses

General Chemistry - 2 semesters each with lab (at SBU: CHE 1115, 1125) Note: Chemistry may have a math prerequisite. 8 hour minimum expected in sequence.

General Physics - 2 semesters each with lab (at SBU: PHY 1115, 1125) Note: Physics may have a math prerequisite. 8 hour minimum expected in sequence.

Biology - *required*: General Biology (at SBU: BIO 1114 or BIO 1004), Anatomy and Physiology - one semester each or full year combined sequence with lab (at SBU: BIO 2204, 3304) from a science-based department. *Highly recommended*: Pathophysiology (at SBU: BIO 4404)

Statistics - One course (at SBU: PSY 3243, or MAT 3343, or BUS 2023).

Psychology - Any two psychology courses except statistics. Note: General Psychology is a prerequisite for most other psychology courses.

Students who have not taken the prerequisite courses should be advised to take the specific courses or equivalents. When those courses are not available at the college/university they are currently attending, course substitutions may be allowed under the following guidelines. All substitutions submitted with the application must be made in writing and include a course syllabus or adequate description to determine equivalency. Applicants who have taken the specific prerequisite course but want to substitute another course with a higher grade may be able to do so only when the substitute course is an advanced course covering the same content such as chemistry. Course substitutions may be allowed when the content is met or exceeded. Specific courses will be handled as follows:

General Chemistry - Upper level chemistry courses (e.g. organic or biochemistry) which require General Chemistry may be substituted assuming higher level sequence is completed (prior approval not required).

General Physics - Upper level physics courses (e.g. calculus based) may be substituted assuming higher level sequence is completed (prior approval not required).

Biology - *General Biology*: any human- or animal-based biology course containing appropriate content for PT may be substituted pending approval. Equivalent courses to general biology content (e.g. general zoology) may also be substituted (prior approval not required). *Anatomy*: only human, comparative, or vertebrate anatomy in a science-based department (e.g. biology, zoology, anatomy) may be substituted (prior approval not required). Applied anatomy in PE departments may not be substituted. *Physiology*: Human or vertebrate physiology in a science-based department may be substituted. Applied physiology in PE departments may not be substituted. Any other course must have prior approval.

Psychology - Out of department substitutions such as educational psychology in education department must be approved in advance.

Statistics - Any course meeting content of SBU statistics courses may be substituted (prior approval not required).

Prerequisite science classes must be current. Completion of each course sequence must be within seven years prior to admission to the PT program. Exceptions may be granted only if the applicant can show that knowledge of the course content is current. Applicants seeking an exception must submit a written petition with rationale for approval.

The policy for repeat grades as found in the Southwest Baptist University Catalog will be followed. The grade for the repeated course will be used in computing pre-requisite GPA. The grade for any science courses repeated due to the seven year rule will be substituted for the old class regardless of the first grade received.

General Admission Process

Applicants must apply to the Physical Therapy Program. Students must complete the courses required for entry into the program and complete a Baccalaureate Degree in another field prior to admission to the Physical Therapy Program. Students may have courses in progress in the Spring or Summer semester prior to enrolling in the physical therapy program but all requirements must be completed prior to enrollment. Important admission dates include the following:

October 1:

Begin receiving and reviewing applications.

August:

New physical therapy entry-level DPT class begins. Students accepted into the entry-level program in physical therapy will be enrolled full-time in professional graduate courses for 33 consecutive months to finish with a Doctor of Physical Therapy degree.

Admission to the University does not guarantee admission into the graduate physical therapy program. Application priority points will be given to SBU undergraduate students and recognized undergraduate articulation school students.

Ranking of applications will consider criteria including as established by the core faculty as follows:

- prerequisite grade point average (30%),
- overall grade point average (8%),
- references (15%),
- observation experience (4%),

- written essay\narrative (5%),
- preferred attendance (8%),
- graduate record exam (30%)

Applicants are strongly encouraged to communicate frequently with the Graduate Admissions Coordinator and schedule an individual visit to campus. Starting with the initial review date, applications will be acted upon on a rolling basis and designated into one of the following categories with appropriate notification to the applicant:

- 1) selected for unconditional admission into the program (*i.e. met all admission criteria*);
- 2) selected for unconditional admission into the program contingent upon outstanding action items (*i.e. has currently met most admission criteria with the exception of a few items, which in the opinion of the committee will not make a major negative impact upon the overall status of the application. Outstanding items must be successfully completed prior to admission in program*);
- 3) placed on a waiting list to be considered for unconditional admission as space is available;
- 4) placed on an alternate list including but not limited to conditional enrollment status (*i.e. the applicant failed to meet the established minimum GPA standards and is then scored and ranked in the applicant alternate pool. It is expected that beginning on or close to March 1 of each year, after the unconditional applicant pool has been exhausted, that applicants from the alternate pool will be considered for admission to the program*);
- 5) held for subsequent review pending the submission of further requested or outstanding material; or
- 6) denied admissions.

A student may decline SBU acceptance a maximum of one time. If student wishes to re-enter the pool for another application cycle, they must first appeal directly to the department chair establishing appropriate grounds that their new application should be considered.

Medical Terminology is a required element once admitted to the program of study. Students demonstrating successful completion of a Medical Terminology course with a letter grade of “C” or better will be exempt from completing the Medical Terminology component of the DPT program.

In some cases, college credit is given for coursework (e.g., CLEP, Advanced Placement) and an actual grade is not recorded. Credit will be given if needed to meet an admissions requirement; however, if no transcribed grade can be produced, it will be omitted from GPA calculations.

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.
- 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
- 11) HSEA Applications should be submitted to the department on or before the first of April for consideration for the upcoming academic year that begins the following fall. 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.

Degree Requirements

Doctor of Physical Therapy

To receive the DPT degree the student must:

1. complete all the physical therapy courses and practical exams with at least a C, and have a minimum graduate GPA of 3.00;
2. pass all clinical education courses;
3. earn a final passing grade on learning portfolios; and
4. participate in commencement exercises unless absence is approved by the Provost.

Program of Study and Academic Regulations

Student Orientation

New students enrolled in the physical therapy program attend two full days of orientation at the beginning of their first year. At this time, they receive a *Physical Therapy Student Handbook* which includes the policies and procedures for the graduate program in physical therapy. Students are responsible for all materials presented in the respective handbooks.

Clinical Education

The purpose of the clinical education component within the physical therapy curriculum is to ensure student carry-over and integration of didactic course work into the clinical setting. To ensure a broad range of clinical experiences, each student will be required to have a clinical experience in acute care, outpatient orthopedics, and neuro-rehabilitation. These experiences appear late in the curriculum totaling 34 weeks in a residency-like format. One of the final clinical education experiences may be in an area of special interest within physical therapy that has not already been experienced by the student in a prior clinical experience. Students are responsible for all expenses for travel and living during the clinical education experiences. Students with a history of criminal actions documented on a background check may have clinical education placement options severely limited or delayed. While student input to the assignment process is valued and considered, we cannot guarantee these requests for clinical assignments will be met. The final decision rests with the Academic Coordinator of Clinical Education (ACCE), with input from the Core Faculty, and the student should be readily prepared to attend a rotation that may not have been a top preferred position on the part of the student.

Specific clinical education policies and requirements are delineated in the *Physical Therapy Student Handbook*.

Curricular Schedule

Physical therapy professional courses may only be taken by those students accepted in the program and are delivered in a lock-step fashion. The following schedule may be subject to change.

Year 1: Fall

PTH 5133	Critical Inquiry
PTH 5013	Psychosocial Issues of Health Care
PTH 5047	Human Anatomy
PTH 5066	Clinical Kinesiology

PTH 5481 Christian Worldview I

Year 1: January

PTH 5221 Teaching and Learning
PTH 5593 Neuroanatomy

Year 1: Spring

PTH 5423 Therapeutic Exercise
PTH 5093 Physical Therapy Science
PTH 6273 Physical Therapist Management of Integumentary Disorders
PTH 5611 Professional Development Seminar I
PTH 5103 Therapeutic Modalities in Physical Therapy
PTH 5382 Pharmacology for Physical Therapists
PTH 5491 Christian Worldview II
PTH 6393 Motor Control and Learning

Year 1: Summer

PTH 6293 Physiology of Exercise
PTH 5233 Foundations of the Musculoskeletal System
PTH 6022 Today's Health Care
PTH 6082 Human Life Sequences

Year 2: Fall

PTH 5403 Physical Assessment
PTH 6245 Physical Therapist Management of Musculoskeletal Disorders I
PTH 6263 Prosthetics and Orthotics
PTH 6473 Pathology for Physical Therapists I
PTH 6501 Christian Worldview III
PTH 6326 Physical Therapist Management of Neurological Disorders I

Year 2: January

PTH 5412 Diagnostic Imaging for Physical Therapists
PTH 6332 Administration and Management

Year 2: Spring

PTH 5151 Clinical Investigations I
PTH 6255 Physical Therapist Management of Musculoskeletal Disorders II
PTH 7316 Physical Therapist Management of Neurological Disorders II
PTH 6603 Pathology for Physical Therapists II
PTH 6621 Professional Development Seminar II
PTH 6511 Christian Worldview IV
PTH 6583 Prevention, Health Promotion, Fitness, and Wellness

Year 2: Summer

PTH 7283 Physical Therapist Management of Cardiopulmonary Disorders
PTH 7343 Pediatric Physical Therapy
PTH 6353 Geriatric Physical Therapy
PTH 7362 Capstone

Year 3: Fall

PTH 5198 Clinical Education I
PTH 7458 Clinical Education II

Year 3: Jan/Spring

PTH 7459 Clinical Education III
PTH 7469 Clinical Education IV

Progression in the Physical Therapy Program

Students are subject to the academic regulations stated in the respective SBU catalogs and handbooks. To be eligible for the clinical education component and/or matriculation to the next year of the program, students must successfully pass all prior courses in the program and maintain an overall GPA of 3.00 (on a 4.00 scale). Students must also submit an individual learning portfolio for formal annual assessment and earn a final passing grade at the end of the curriculum.

Students earning a grade of "F" or "non-credit" in any given course will not be able to enroll in courses listing the failed course as a prerequisite. Any student who is unable to meet these requirements is subject to review by the Physical Therapy Review Committee which will in consultation with the student, determine a plan for further action which may include academic probation with a specific plan for remediation or dismissal from the program.

Students will be expected to satisfactorily pass each practical examination and course. Students having difficulty will meet with course instructor and advisor to determine a plan of remediation. The Physical Therapy Core Faculty will, as part of the curriculum/program evaluation, monitor the standards.

Exams will be based on course objectives. Criteria for projects, papers, and/or assignments will be stated in the syllabus for the students. Criteria and determination of grades for each course will be established by the core or adjunct faculty member who is leading the course. The policy and expectations of each instructor will be stated in writing in the class syllabus and explained to the class within the first few class sessions. The following grading scales will be used unless otherwise directed in the specific syllabus:

Grades

Academic Grading Scale

90.0 - 100%	A
80.0 - 89.9	B
75.0 - 79.9	C
0 - 74.9	F
Incomplete	I

Clinical Education and Selected Course Grading Scale

Pass	P
Fail	F
Incomplete	I

Individual Learning Portfolio

Exceeds Expectations	(E) Passing Score
Meets Expectations	(M) Passing Score
Fails to Meet Expectations	(F) Failing Score

Dismissal

A student may be placed on probation, suspended for a specific period of time, or dismissed for not meeting the professional behaviors as defined in the Southwest Baptist University Professional Behavior Definitions found in the *DPT Student Handbook*. All decisions for dismissal are made by the Physical Therapy Review committee and approved by the Department Chairperson with appropriate input from the Dean of Students. Students may be dismissed from the program based on the following:

1. A second final grade of "F" in any repeated course or final grades of "F" in any two courses (including courses already successfully completed).
2. A GPA of less than 3.00 while on conditional enrollment.
3. An "F" in any course if already on academic probation or conditional enrollment.
4. Non-compliance with the requirements stipulated in a remediation plan established by the ACCE or Physical Therapy Review Committee.
5. Cheating or plagiarism.
6. Any misconduct listed the *SBU Student Handbook* as serious offenses (class C).
7. Serious or repeated breach of professional behaviors found in SBU Professional Behavior Definitions.
8. An "F" in first semester courses PTH 5047 Human Anatomy or PTH 5066 Clinical Kinesiology

Attendance

Attendance, being on time, preparation and active participation for all class sessions is essential for optimal learning. Class attendance is mandatory. The student is responsible for attendance at all class sessions and meetings or to get notes or assignments for any class missed due to unavoidable circumstances. A pattern of repeated absence or tardiness will be reported to the faculty advisor and may result in development of a remediation plan by the PT Review Committee. Students must notify the instructor directly and have permission for any absence except illness or emergency. Except in case of unavoidable circumstances, the student must contact the instructor prior to any absence. If the instructor is not available when the student calls, a message should be left with the Physical Therapy Program secretary. Students must contact the instructor on return from absence and if possible, prior to the next class session to ensure completion of assignments. Students are responsible for completing all assignments and exams for a class and for requesting make-up exams. Faculty will give make-up exams and modify deadlines for assignments for reasonable cause such as illness or family emergency. Faculty must state on syllabus any policy regarding absences including impact on grade or ability to make up work. Specific policies are determined by each instructor and must be in compliance with the SBU Catalog and SBU Student Handbook.

Withdrawal from Southwest Baptist University

See academic regulations section of this catalog.

Appeals

The faculty of the Department of Physical Therapy realize that occasionally some circumstances may prevent a student from performing optimally in every course in every module. Any student wishing to appeal a decision by an individual faculty member or by the Physical Therapy Review Committee or Department Chair must first appeal to the decision maker then to the next level within the department. If the student is not satisfied with the Department's decision, he/she may appeal as described in the SBU catalog. The grade appeal process is described in the SBU catalog.

COURSE DESCRIPTIONS

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.

PTH 5013. Psychosocial Issues of Health Care - 45 clock hrs

Introduction to the process of professional socialization through an understanding of the interaction between the student, health professionals, and society as it relates to Christian and worldview biases. Psychological and sociological effects of impairments, functional limitations, and disability resulting from injury or disease, as applicable to the patient, client, family, and therapist. Communication skills are presented including conflict resolution, individual and cultural differences, interview, and group processes. Emphasis on increased awareness of self and interaction with others. Prerequisite: Admission to the PT program.

PTH 5047. Human Anatomy - 105 clock hours

Normal human anatomy with emphasis on the musculoskeletal system and principles of articulation. Cadaver dissection. Prerequisite: Admission to the PT program.

PTH 5066. Clinical Kinesiology - 90 clock hrs

Study of biomechanical and kinesiological principles as they influence human movement of the upper & lower extremities and spine with introduction to pathokinesiology; Principles and measurement techniques of goniometry; Principles and performance of manual muscle testing the upper & lower extremity and trunk; Upper & Lower quarter surface anatomy and palpation; and postural assessment of normal and abnormal alignment. Course Prerequisite: Admission to the PT program.

PTH 5093. Physical Therapy Science - 45 clock hrs

This course presents the first-year clinical science and skills including gait analysis, safety, universal precautions, transfer training, gait training, bed mobility, and patient positioning as well as other foundational elements to prepare the student for clinical experiences. Prerequisite: PTH 5047 and 5066.

PTH 5103. Therapeutic Modalities in Physical Therapy - 45 clock hrs

Application of external energy (heat, cold, sound, light, compression, traction, water, electricity, and other forms of electromagnetic energy) to effect therapeutic physiologic changes in human tissues. Concepts of prescription, efficacy, safety, instrumentation, documentation and delegation are emphasized. Prerequisite: PTH 5047 and 5066.

PTH 5133. Critical Inquiry - 45 clock hrs

The principles and foundations of clinical research in physical therapy are presented in this course. Special emphasis will be applied to research methodology, interpretation of statistical techniques, and critical analysis of published literature. Prerequisite: Admission to the PT program.

PTH 5151. Clinical Investigations I - 15 clock hrs

This course will empower the learner to access professional databases, acquire relevant literature, and assess the quality of the published studies. Prerequisite: PTH 5133.

PTH 5198. Clinical Education I - 8 weeks of full-time clinical education

Each student will spend 8 weeks working full-time under the supervision of a licensed physical therapist in an outpatient orthopedic setting. Students will have opportunities to implement the patient/client management model in the outpatient orthopedic setting commensurate with didactic learning to date. Prerequisites: Completion of prior academic courses.

PTH 5221. Teaching and Learning - 15 clock hrs

Teaching and learning theory applied to clinical practice with peers, patient/clients and their families. Special emphasis placed upon teaching strategies and techniques for patient/client education and presenting clinically based in-services. Prerequisite: Admission to the PT program.

PTH 5233. Foundations of the Musculoskeletal System - 45 clock hrs

Foundational concepts and principles for application of the patient/client management model to the musculoskeletal system; basic science issues related to musculoskeletal tissues; introduction of medical/surgical management of musculoskeletal pathology. Prerequisite: PTH 5047 and 5066.

PTH 5382. Pharmacology for Physical Therapists - 30 clock hrs

This course presents the effects commonly used pharmacologic agents have on the body, how the body metabolizes and eliminates these agents, mechanisms of pharmaceutical administration, and pharmacological indications, contraindications and safety concerns as applied to patients/clients typically treated by the physical therapist. Prerequisite: PTH 5047 and 5066.

PTH 5403. Physical Assessment - 45 clock hrs

This course focuses on the physical examination and systems review process in evaluation of musculoskeletal, neuromuscular, cardiopulmonary, integumentary, GI/GU/renal and cognitive/behavioral systems. Hands-on application of assessment skills in health examination of patients. Prerequisite: PTH 5047 and 5066.

PTH 5412. Diagnostic Imaging for Physical Therapists - 30 clock hrs

Introduces diagnostic imaging modalities relevant to physical therapists with correlation to various clinical conditions and emphasis on a systematic approach to analyzing plain film radiography. Prerequisite: PTH 5233.

PTH 5423. Therapeutic Exercise - 45 clock hrs

The principles and techniques of therapeutic exercises are presented. Specific neurological, medical, surgical, and orthopedic conditions are studied. Prerequisite: PTH 5047 and 5066.

PTH 5481. Christian Worldview I - 15 clock hrs

An introduction of various worldview perspectives with emphasis on the Christian worldview. Prerequisite: Admission to the PT Program.

PTH 5491. Christian Worldview II - 15 clock hrs

Continuation of various worldview perspectives with emphasis on the Christian worldview. Prerequisite: PTH 5481.

PTH 5593. Neuroanatomy - 45 clock hrs

Human neuroanatomy of the central, peripheral and autonomic nervous systems. Cadaver dissection. Prerequisite: PTH 5047 and 5066.

PTH 5611. Professional Development Seminar I - 15 clock hrs

This first-year seminar focuses on the professional responsibilities of a doctoring profession in the context of becoming a servant leader in a global society. Prerequisites: PTH 5013.

PTH 6022. Today's Health Care - 30 clock hrs

Global factors that impact today's healthcare systems are presented including discussions on providers, stakeholders, and beneficiaries. Prerequisite: PTH 5611.

PTH 6082. Human Life Sequences - 30 clock hrs

The developmental process from conception to death with emphasis on human motor performance. Sequence of study includes fetal life and infancy through the aging adult including: developmental changes in performance and musculoskeletal development in relationship to the human lifespan, life-span concepts of age-related change in motor behavior and development of posture and movement. Prerequisite: PTH 6393.

PTH 6245. Physical Therapist Management of Musculoskeletal Disorders I - 75 clock hrs

Concepts, principles, and procedures for application of the patient/client management model specific to musculoskeletal disorders of the upper and lower extremities. Prerequisite: PTH 5233.

PTH 6255. Physical Therapist Management of Musculoskeletal Disorders II - 75 clock hrs

The continuation of concepts, principles, and procedures for application of the patient/client management model specific to musculoskeletal disorders. Prerequisite: PTH 6245.

PTH 6263. Prosthetics and Orthotics - 45 clock hrs

This course presents the psychological reactions of limb loss and/or dysfunction. Emphasis is placed upon the patient/client management model for various levels of amputation; selection of prosthetic/orthotic materials and components including alignment; gait analysis and training; and fabrication or modification of various orthotic devices. Prerequisite: PTH 5047 and 5066.

PTH 6273. Physical Therapist Management of Integumentary Disorders - 45 clock hrs

Concepts, principles, and procedures for application of the patient/client management model specific to integumentary disorders with special emphasis on wound care management. Prerequisite: PTH 5047 and 5066.

PTH 6293. Physiology of Exercise - 45 clock hrs

Study of the effects of exercise on the organs and organ systems of both the healthy and the pathologically involved individual. Emphasis on the cardiopulmonary systems and on the formulation of exercise and intervention programs. Indications and contraindication of exercise in healthy and pathologically involved individuals. Prerequisite: PTH 5047 and 5066.

PTH 6326. Physical Therapist Management of Neurological Disorders I - 90 clock hrs

Concepts, principles, and procedures for application of the patient/client management model specific to neurological disorders with emphasis on spinal cord, demyelinating and lower motor neuron disorders. Prerequisite: PTH 6393.

PTH 6332. Administration & Management - 30 clock hrs

This course will focus on the administration and management of physical therapy services. Topics of organizational structure, management theory, practice management, human resource management, motivational theory, medical-legal-political issues and agendas, fiduciary responsibility, budgeting, strategic planning, business communication, and accountability will be presented. Prerequisite: PTH 6022.

PTH 6353. Geriatric Physical Therapy - 45 Clock hrs

The patient/client management model is presented with respects to the unique needs of the geriatric population. Biological, cultural, psychological, and sociological changes with aging are discussed. Emphasis is placed upon societal attitudes, support systems, and demographics regarding the geriatric population. Prerequisites: PTH 5013 and 5233.

PTH 6393. Motor Control and Learning - 45 clock hrs

Basic neurosciences are presented with an emphasis on current theories of motor control and learning and the application of these theories and concepts to the patient/client management model in contemporary physical therapy practice. Prerequisite: PTH 5593.

PTH 6473. Pathology for Physical Therapists I - 45 clock hrs

General pathological conditions are presented with an emphasis on the natural course of musculoskeletal, neurologic, and systemic disorders/diseases managed by the physical therapist. Prerequisite: PTH 5047.

PTH 6501. Christian Worldview III - 15 clock hrs

Introduction of basic Christian principles through discipleship study. Prerequisite: PTH 5491.

PTH 6511. Christian Worldview IV - 15 clock hrs

Evaluation of life purposes from the Christian perspective. Prerequisite: PTH 6501.

PTH 6551. Clinical Investigations II - 15 clock hours

This course will focus on the development of a research proposal with applicable paperwork for human subjects review. Course Prerequisite: PTH 5151.

PTH 6561. Clinical Investigations III - 15 clock hrs

This course will focus on the collection and analysis of data related to the research proposal. Course Prerequisite: PTH 6551.

PTH 6583. Prevention, Health Promotion, Fitness, and Wellness - 45 clock hrs

This course presents preventive practice and is offered as a guide for health, fitness, and wellness. The purpose of this course is to broaden the student's perspective of Physical Therapy from a clinical to a community perspective. This course will establish a foundational understanding of the opportunities, obligations, and responsibilities of the physical therapy professional in health promotion. Prerequisite: PTH 5221.

PTH 6603. Pathology for Physical Therapists II - 45 clock hrs

Second part of general pathological conditions is presented with an emphasis on the natural course of musculoskeletal, neurologic and systemic disorder/diseases managed by the physical therapist. Prerequisites: PTH 6473.

PTH 6621. Professional Development Seminar II - 15 clock hrs

This second-year seminar focuses on the professional accountabilities of a doctoring profession in the context of becoming a servant leader in a global society. Prerequisites: PTH 5611.

PTH 695(1-3). Selected Topics - 15 to 45 clock hrs

Selected issues in physical therapy science or practice. Topics will vary depending on interest and need of student(s).

PTH 7283. Physical Therapist Management of Cardiopulmonary Disorders - 45 clock hrs

Overview of cardiac and pulmonary pathophysiology of patients. Discussions to include life-span changes, pharmacological management, and assessment and examination procedures, including ECG, stress testing, exercise prescription, and the implementation of the patient/client management model for cardiopulmonary disorders. Prerequisite: PTH 6293.

PTH 7316. Physical Therapist Management of Neurological Disorders II - 90 clock hrs

Concepts, principles, and procedures for application of the patient/client management model specific to neurological disorders with emphasis on brain and upper motor neuron disorders. Prerequisite: PTH 6326.

PTH 7343. Pediatric Physical Therapy - 45 clock hrs

Systematic, problem solving approach to the pediatric client with emphasis on prevention, etiology, clinical manifestations, and the application of the patient/client management model. Prerequisites: PTH 6082 and 6393.

PTH 7362. Capstone - 30 clock hrs

Capstone problem solving experience to address physical, emotional, psychosocial, spiritual, equipment, educational, and fiscal needs of patients and clients with complex and/or multi-system deficits. Emphasis on problem solving, professional behaviors, team management, documentation, and effective communication skills. Prerequisites: Successful completion of all prior didactic PT courses.

PTH 7458. Clinical Education II - 8-10 weeks of full-time clinical education

Each student will spend 8 - 10 weeks in each clinical experience working full time under the supervision of a licensed physical therapist implementing the patient/client management model. Each student will have four clinical experiences one each in OP orthopedics, acute/subacute care, adult neuro rehab, and elective physical therapy area of interest. The total minimum time for clinical education is 34 weeks. The length of time and the physical therapy area of interest will be negotiated with the ACCE. Prerequisite: PTH 7362.

PTH 7459. Clinical Education III - 8-10 weeks of full-time clinical education

Each student will spend 8-10 weeks in each clinical experience working full time under the supervision of a licensed physical therapist implementing the patient/client management model. Each student will have four clinical experiences one each in OP orthopedics, acute/subacute care, adult neuro rehab, and elective physical therapy area of interest. The total minimum time for clinical education is 34 weeks. The length of time and the physical therapy area of interest will be negotiated with the ACCE. Prerequisite: PTH 7362.

PTH 7469. Clinical Education IV - 8-10 weeks of full-time clinical education

Each student will spend 8-10 weeks in each clinical experience working full time under the supervision of a licensed physical therapist implementing the patient/client management model. Each student will have four clinical experiences one each in OP orthopedics, acute/subacute care, adult neuro rehab, and elective physical therapy area of interest. The total minimum time for clinical education is 34 weeks. The length of time and the physical therapy area of interest will be negotiated with the ACCE. Prerequisite: PTH 7362.

PTH 7533. Sports Physical Therapy - 45 clock hrs

Prepares the student for a career as sports physical therapist. Issues related to the sports epidemiology, care, prevention and emergency management of sports related injuries as well as effective venue management will be presented. Other elements will be designing and implementing strategies to enhance human performance based in sound physiological principles and issues related to appropriate counseling and education. Prerequisite: PTH 6255.

PTH 7543. Practicum in Physical Therapy - 45 clock hrs

Non traditional physical therapy experiences will be presented. This elective course is negotiated between the instructor and the student to prepare a learning practicum in a non-traditional physical therapy venue. Prerequisite: By permission only.

PTH 7553. Multicultural Learning in Physical Therapy - 45 clock hrs

A practical learning experience directed at exposing the student to multicultural issues and venues. Prerequisite: By permission only.

PTH 7571. Clinical Investigations IV - 15 clock hrs

This course will focus on the preparation and formal presentation of collected and analyzed data from research study. Course Prerequisite: PTH 6561.

PTH 7633. Advanced Orthopedics - 45 clock hrs

Prepares the student for a career as an advanced orthopedic physical therapist. Issues related to current evidence based practice and manual therapy will be presented. Focus on professional development skills and knowledge base to pursue advanced orthopedic credentials. Prerequisites: PTH 6255.

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